

THE PROD UCT BOOK 2016





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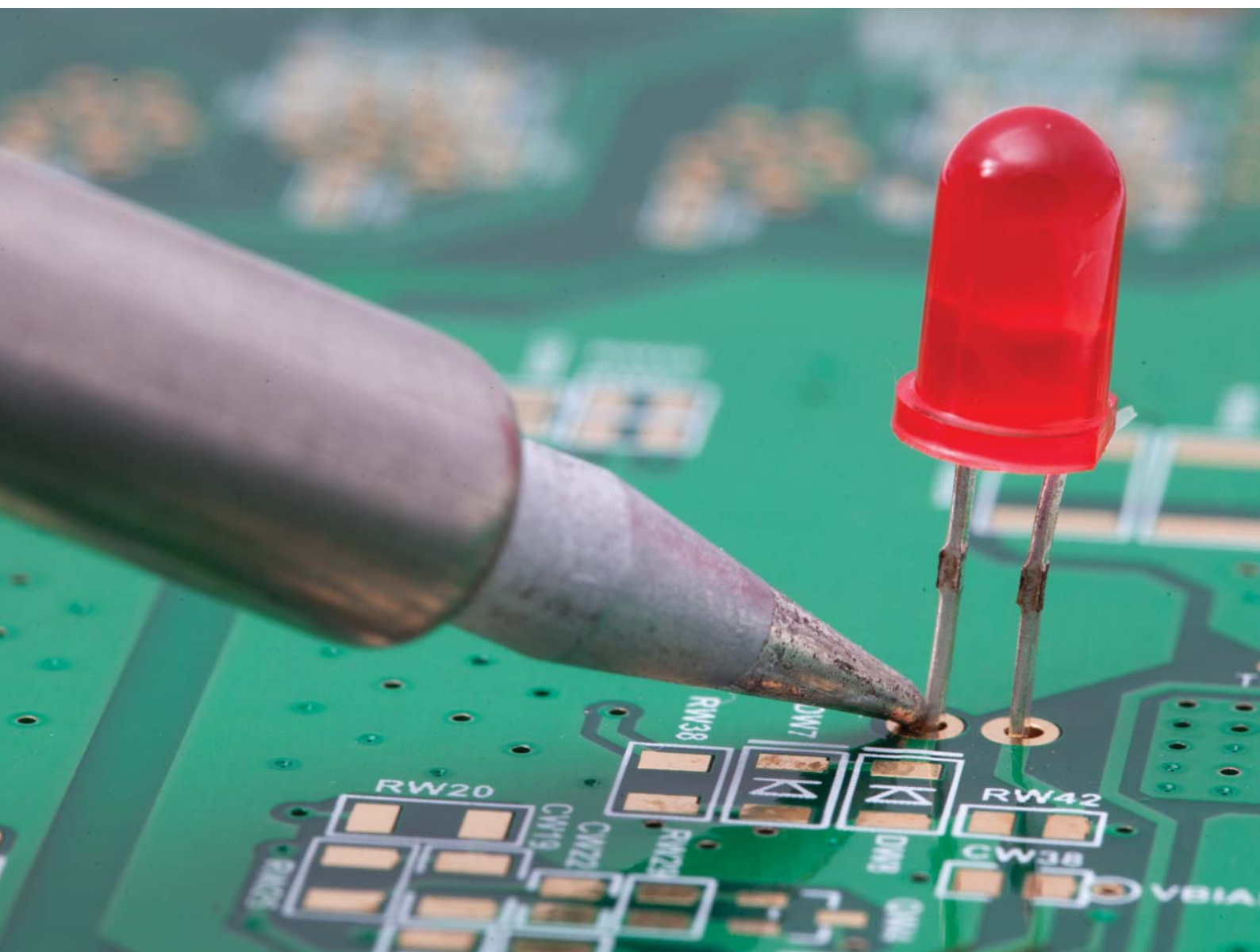


**WE'RE ON A
MISSION TO
ILLUMINATE
THE WORLD.**

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**THRU-HOLE
LEDs**



STANDARD BRIGHT THROUGH-HOLE LEDS

1.8mm SPECIFICATIONS								
PART NUMBER	EMITTED COLOR	CHIP MATERIAL	LENS TYPE	WAVELENGTH		LUMINOUS INTENSITY @ 20mA		VIEWING ANGLE
				Peak	Dominant	Min.	Typical.	
PL011-CDR24	Red	Gap	Color Diffused	700	650	4.0	8.0	30°
PL011-CDR12	Orange-Red	GaAsP		635	626	29.0	52.0	
PL011-CDG13	Green	GaP		567	572	25.0	45.0	
PL011-CDY01	Yellow	GaAsP		567	572	20.0	37.0	
PL011-CDB20Z	Blue	InGaN/ Sapphire		--	465	200.0	500.0	15°

3mm Small Flange SPECIFICATIONS								
PART NUMBER	EMITTED COLOR	CHIP MATERIAL	LENS TYPE	WAVELENGTH		LUMINOUS INTENSITY @ 20mA		VIEWING ANGLE
				Peak	Dominant	Min.	Typical.	
PL07-CDR24	Red	Gap	Color Diffused	700	650	4.0	8.0	55°
PL07-CDR12	Orange-Red	GaAsP		635	626	29.0	52.0	
PL07-CDR21	Deep Red	AlGaAs		660	643	60.0	100.0	
PL07-CDG13	Green	GaP		567	572	25.0	45.0	
PL07-CDY01	Yellow	GaAsP		567	572	20.0	37.0	
PL07-CDB01	Blue	GaN/SiC		--	465	45.0	10.0	80°

3mm with Flange SPECIFICATIONS								
PART NUMBER	EMITTED COLOR	CHIP MATERIAL	LENS TYPE	WAVELENGTH		LUMINOUS INTENSITY @ 20mA		VIEWING ANGLE
				Peak	Dominant	Min.	Typical.	
PL03-CDR24	Red	Gap	Color Diffused	700	650	4.0	8.0	56°
PL03-CDR12	Orange-Red	GaAsP		635	626	29.0	52.0	
PL03-CDRG13	Green	GaP		567	572	25.0	45.0	
PL03-CDR21	Yellow	GaAsP		567	572	20.0	37.0	
PL03L-WCW24Z	White	InGaN/ Sapphire	Water Clear	X=0.31	Y=0.30	500.0	1200.0	15°

5mm WITHOUT FLANGE, 7.5mm EPOXY BODY SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	LENS TYPE	WAVELENGTH		LUMINOUS INTENSITY @ 20mA		VIEWING ANGLE
				Peak	Dominant	Min.	Typical.	
PL15-CDR24	Red	Gap	Color Diffused	700	650	2.0	5.0	38°
PL15-CDR12	Orange-Red	GaAsP		635	626	14.0	29.0	
PL15-CDR21	Deep Red	AlGaAs		660	643	90.0	160.0	
PL15-CDG13	Green	GaP		567	572	11.0	25.0	
PL15-CDY01	Yellow	GaAsP		567	572	10.0	24.0	
PL15-CDA02	Blue	GaAsP		--		20.0	47.0	

5mm WITH FLANGE SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	LENS TYPE	WAVELENGTH (nm)		LUMINOUS INTENSITY @ 20mA (mcd)		VIEWING ANGLE
				Peak	Dominant	Min.	Typical.	
PL16-CDR24	Red	Gap	Color Diffused	700	650	2.0	3.5	35°
PL16-CDR12	Orange-Red	GaAsP		635	626	20.0	35.0	
PL16-CDR21	Deep Red	AlGaAs		660	643	108.0	180.0	
PL16-CDG13	Green	GaP		567	572	17.0	30.0	
PL16-CDY01	Yellow	GaAsP		567	572	13.0	33.0	

5mm WIHTOUT FLANGE 8.6mm EPOXY BODY SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	LENS TYPE	WAVELENGTH		LUMINOUS INTENSITY @ 20mA		VIEWING ANGLE
				Peak	Dominant	Min.	Typical.	
PL25-CDR24	Red	Gap	Color Diffused	700	650	2.0	6.0	30°
PL25-CDR12	Orange-Red	GaAsP		635	626	19.0	39.0	
PL25-CDR21	Deep Red	AlGaAs		660	643	110.0	200.0	
PL25-CDG13	Green	GaP		567	572	17.0	35.0	
PL25-CDY01	Yellow	GaAsP		585	590	20.0	37.0	

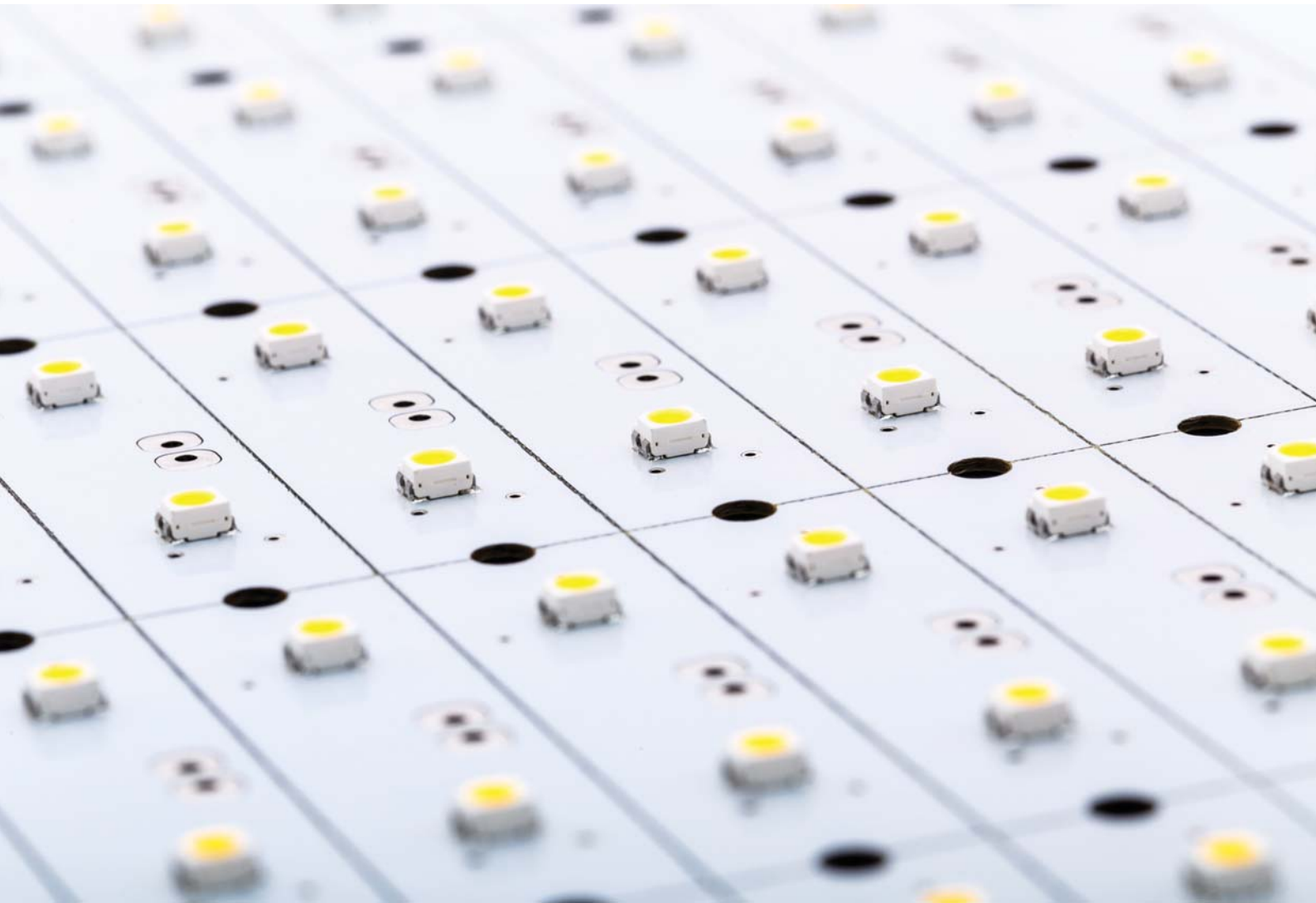
ULTRA-BRIGHT THROUGH-HOLE LEDs

5mm SPECIFICATIONS								
PART NUMBER	EMITTED COLOR	CHIP MATERIAL	LENS TYPE	WAVELENGTH		LUMINOUS INTENSITY @ 20mA		VIEWING ANGLE
				Peak	Dominant	Min.	Typical.	
PL16B-WCB20Z	Red	InGaN	Water Clear	--	465	1400.0	2500.0	10°
PL16B-WCG04	Turquoise	InGaN		--	500	1950.0	5000.0	
PL16B-WCG19	Yellow-Green	AlInGaP		570	573	2750.0	7000.0	
PL16B-WCG29Z	Pure Green	InGaN			525	2750.0	8000.0	
PL16B-WCP02	Purple	GaN/SiC		--	--	60.0	100.0	
PL16B-WCR11	Hyper Red	AlInGaP		632	625	1300.0	2200.0	
PL16B-WCR22	Red	AlGaAs			660	900.0	1600.0	
PL16B-WCR32	Orange-Red	AlInGaP			620	900.0	2300.0	
PL16B-WCR38Z	Hyper Red	AlInGaP			632	4300.0	9000.0	
PL16B-WCW15Z	White	InGaN/Sap-phire		X: 0.31	Y: 0.30	4800.0	11000.0	
PL16B-WCY08	Yellow	AlInGaP			589	900.0	2200.0	
PL16B-WCY11	Amber-Yellow	AlInGaP			598	2000.0	3000.0	

NOTE

Many other viewing angle and brightness options are available. Please visit www.p-tec.net for specifications

SURFACE MOUNT LEDs



0603 TOP VIEW SMD SPECIFICATIONS

PART NUMBER	EMITTED COLOR	DIMENSIONS	CHIP MATERIAL	WAVELENGTH		LUMINOUS INTENSITY @ 20mA		VIEWING ANGLE
				Peak	Dominant	Min.	Typical.	
PL00130-WCB11	Blue	1.6 x 0.8 x 0.8mm	InGaN	465.5	468	36.0	47.0	110°
PL00130-WCR08	Orange-Red		AlInGaP	626	630	45.0	90.0	
PL00130-WCR18	Red		AlInGaP	632	645	45.0	72.0	
PL00130-WCG17	Yellow-Green		AlInGaP	573	575	28.0	45.0	
PL00130-WCG25	True Green		InGaN	523	524	182.0	368.0	
PL00130-WCY06	Yellow		AlInGaP	592	590	45.0	72.0	
PL00131-WCB11	Blue	1.6 x 0.8 x 0.6mm	InGaN	464	465	36.0	57.0	110°
PL00131-WCR08	Orange-Red		AlInGaP	630	626	45.0	90.0	
PL00131-WCR18	Red		AlInGaP	645	632	45.0	72.0	
PL00131-WCG17	Yellow-Green		AlInGaP	575	573	28.0	45.0	
PL00131-WCG25	True Green		InGaN	523	524	182.0	288.0	
PL00131-WCY06	Yellow		AlInGaP	592	590	45.0	72.0	
PL00131-YDW03	White		InGaN	X: 0.31	Y: 0.30	285.0	450.0	
PL00133-WCB11	Blue	1.6 x 0.8 x 0.4mm	InGaN	464	465	36.0	57.0	130°
PL00133-WCR08	Orange-Red		AlInGaP	630	626	45.0	90.0	
PL00133-WCR18	Red		AlInGaP	645	632	45.0	72.0	
PL00133-WCG17	Yellow-Green		AlInGaP	575	573	28.0	45.0	
PL00133-WCG25	True Green		InGaN	523	524	182.0	368.0	
PL00133-WCY06	Yellow		AlInGaP	592	590	45.0	72.0	
PL00133-YDW03	White		InGaN	X: 0.31	Y: 0.30	285.0	450.0	

0805 TOP VIEW SMD SPECIFICATIONS

PART NUMBER	EMITTED COLOR	DIMENSIONS	CHIP MATERIAL	WAVELENGTH		LUMINOUS INTENSITY @ 20mA		VIEWING ANGLE
				Peak	Dominant	Min.	Typical.	
PL00120-WCB11	Blue	2.0 x 1.25 x 1.1mm	InGaN	465.5	468	36.0	57.0	130°
PL00120-WCR08	Orange-Red		AlInGaP	626	630	45.0	90.0	
PL00120-WCR18	Red		AlInGaP	632	645	45.0	72.0	
PL00120-WCG17	Yellow-Green		AlInGaP	573	575	28.0	45.0	
PL00120-WCG25	True Green		InGaN	523	524	182.0	368.0	
PL00120-WCY06	Yellow		AlInGaP	592	590	45.0	72.0	
PL00120-YDW03	White		InGaN	X: 0.31	Y: 0.33	285.0	450.0	
PL00123-WCB11	Blue	2.0 x 1.25 x 0.8mm	InGaN	464	465	36.0	57.0	130°
PL00123-WCR08	Orange-Red		AlInGaP	630	626	45.0	90.0	
PL00123-WCR18	Red		AlInGaP	645	632	45.0	72.0	
PL00123-WCG17	Yellow-Green		AlInGaP	575	573	28.0	45.0	
PL00123-WCG25	True Green		InGaN	523	524	182.0	288.0	
PL00123-WCY06	Yellow		AlInGaP	592	590	45.0	72.0	
PL00123-YDW03	White		InGaN	X: 0.31	Y: 0.30	285.0	450.0	

1206 TOP VIEW SMD SPECIFICATIONS

PART NUMBER	EMITTED COLOR	DIMENSIONS	CHIP MATERIAL	WAVELENGTH		LUMINOUS INTENSITY @ 20mA		VIEWING ANGLE
				Peak	Dominant	Min.	Typical.	
PL00100-WCB11	Blue	3.2 x 1.6 x 1.1mm	InGaN	465.5	468	36.0	57.0	130°
PL00100-WCR08	Orange-Red		AlInGaP	626	630	45.0	90.0	
PL00100-WCR18	Red		AlInGaP	632	645	45.0	72.0	
PL00100-WCG17	Yellow-Green		AlInGaP	573	575	28.0	45.0	
PL00100-WCG25	True Green		InGaN	523	524	182.0	368.0	
PL00100-WCY06	Yellow		AlInGaP	592	590	45.0	72.0	
PL00100-YDW03	White		InGaN	X: 0.31	Y: 0.33	285.0	450.0	
PL00101-WCB11	Blue	3.2 x 1.6 x 1.4mm	InGaN	464	465	36.0	57.0	130°
PL00101-WCR08	Orange-Red		AlInGaP	630	626	45.0	90.0	
PL00101-WCR18	Red		AlInGaP	645	632	45.0	72.0	
PL00101-WCG17	Yellow-Green		AlInGaP	575	573	28.0	45.0	
PL00101-WCG25	True Green		InGaN	523	524	182.0	288.0	
PL00101-WCY06	Yellow		AlInGaP	592	590	45.0	72.0	
PL00101-YDW03	White		InGaN	X: 0.31	Y: 0.30	285.0	450.0	

0603 RIGHT ANGLE (SIDE VIEW) SMD SPECIFICATIONS

PART NUMBER	EMITTED COLOR	DIMENSIONS	CHIP MATERIAL	WAVELENGTH		LUMINOUS INTENSITY @ 20mA		VIEWING ANGLE
				Peak	Dominant	Min.	Typical.	
PL00132-WCA03	Amber	1.6 x 0.6 x 1.0mm	AlInGaP	610	605	57.0	117.0	130°
PL00132-WCR08	Orange-Red		AlInGaP	626	630	45.0	90.0	
PL00132-WCR18	Red		AlInGaP	632	645	45.0	72.0	
PL00132-WCG17	Yellow-Green		AlInGaP	573	575	28.0	45.0	
PL00132-WCY06	Yellow		AlInGaP	592	590	45.0	72.0	
PL00132-YDW03	White		InGaN	X: 0.31	Y: 0.33	285.0	450.0	

1206 RIGHT ANGLE (SIDE VIEW) SMD SPECIFICATIONS

PART NUMBER	EMITTED COLOR	DIMENSIONS	CHIP MATERIAL	WAVELENGTH		LUMINOUS INTENSITY @ 20mA		VIEWING ANGLE
				Peak	Dominant	Min.	Typical.	
PL00190-WCB11	Blue	3.2 x 1.0 x 1.5mm	InGaN	465.5	468	36.0	57.0	130°
PL00190-WCR08	Orange-Red		AlInGaP	626	630	45.0	90.0	
PL00190-WCR18	Red		AlInGaP	632	645	45.0	72.0	
PL00190-WCG17	Yellow-Green		AlInGaP	573	575	28.0	45.0	
PL00190-WCG25	True Green		InGaN	523	524	182.0	368.0	
PL00190-WCY06	Yellow		AlInGaP	592	590	45.0	72.0	
PL00190-YDW03	White		InGaN	X: 0.31	Y: 0.33	285.0	450.0	

0605 BI-COLOR SMD SPECIFICATIONS

PART NUMBER	EMITTED COLOR	DIMENSIONS	CHIP MATERIAL	WAVELENGTH		LUMINOUS INTENSITY @ 20mA		VIEWING ANGLE
				Peak	Dominant	Min.	Typical.	
PL00134-WCRG1817	Red	1.6 x 1.5 x 0.6mm	AlInGaP	645	631	57.0	117.0	120°
	Yellow-Green			575	573	45.0	90.0	
PL00134-WCRG0817	Orange-Red		AlInGaP	628	625	72.0	115.0	
	Yellow-Green			575	573	45.0	90.0	
PL00134-WCAG0317	Amber		AlInGaP	610	608	72.0	115.0	
	Yellow-Green			575	573	18.0	45.0	
PL00134-WCRY1806	Red		AlInGaP	645	631	45.0	115.0	
	Yellow			592	590	45.0	72.0	
PL00134-WCRB1811	Red		AlInGaP	645	631	45.0	115.0	
	Blue		InGaN	465	470	45.0	72.0	
PL00134-WCAB0311	Amber		AlInGaP	610	608	72.0	115.0	
	Blue		InGaN	465	470	45.0	72.0	
PL00134-WCYB0611	Yellow		AlInGaP	592	590	45.0	72.0	
	Blue		InGaN	465	470	45.0	72.0	
PL00134-WCRG1825	Red		AlInGaP	575	573	45.0	115.0	
	True Green		InGaN	523	525	180.0	315.0	

1204 BI-COLOR RIGHT ANGLE (SIDE-VIEW) SMD SPECIFICATIONS

PART NUMBER	EMITTED COLOR	DIMENSIONS	CHIP MATERIAL	WAVELENGTH		LUMINOUS INTENSITY @ 20mA		VIEWING ANGLE
				Peak	Dominant	Min.	Typical.	
PL00193-WCYG0617	Yellow	3.2 x 1.0 x 1.5mm	AlInGaP	592	590	45.0	72.0	110°
	Yellow-Green			575	573	18.0	45.0	
PL00193-WCGR1718	Yellow-Green		AlInGaP	575	573	18.0	45.0	
	Red			645	631	45.0	115.0	
PL00193-WCRG1817	Red		AlInGaP	645	631	72.0	115.0	
	Yellow-Green			575	573	18.0	45.0	
PL00193-WCGY1706	Yellow-Green		AlInGaP	575	573	18.0	45.0	
	Yellow			592	590	45.0	72.0	
PL00193-WCRG0817	Orange-Red		AlInGaP	628	625	72.0	115.0	
	Yellow-Green			575	573	18.0	45.0	
PL00193-WCAB0311	Amber		AlInGaP	610	608	72.0	115.0	
	Blue		InGaN	465	470	45.0	72.0	
PL00193-WCBR1118	Blue		InGaN	465	470	45.0	72.0	
	Red		AlInGaP	645	631	72.0	115.0	

1210 BI-COLOR SMD SPECIFICATIONS

PART NUMBER	EMITTED COLOR	DIMENSIONS	CHIP MATERIAL	WAVELENGTH		LUMINOUS INTENSITY @ 20mA		VIEWING ANGLE
				Peak	Dominant	Min.	Typical.	
PL00182-WCYG0617	Yellow	3.2 x 2.7 x 1.1mm	AlInGaP	592	590	45.0	72.0	120°
	Yellow-Green			575	573	18.0	45.0	
PL00182-WCGB1711	Yellow-Green		AlInGaP	575	573	18.0	45.0	
	Blue		InGaN	465	470	45.0	72.0	
PL00182-WCRG1817	Red		AlInGaP	645	631	72.0	115.0	
	Yellow-Green			575	573	18.0	45.0	
PL00182-WCGY1706	Yellow-Green		AlInGaP	575	573	18.0	45.0	
	Yellow			592	590	45.0	72.0	
PL00182-WCRG0817	Orange-Red		AlInGaP	628	625	72.0	115.0	
	Yellow-Green			575	573	18.0	45.0	
PL00182-WCAB0311	Amber		AlInGaP	610	608	72.0	115.0	
	Blue		InGaN	465	470	45.0	72.0	
PL00182-WCRB1811	Red		AlInGaP	645	631	72.0	115.0	
	Blue		InGaN	465	470	45.0	72.0	
PL00182-WCRG1825	Red		AlInGaP	645	631	72.0	115.0	
	True Green		InGaN	523	525	180.0	315.0	
PL00182-WCGB2511	True Green		InGaN	523	525	180.0	315.0	
	Blue		InGaN	645	631	45.0	72.0	

1210, 1204, & 0605 TRI-COLOR (RGB) SMDs SPECIFICATIONS

PART NUMBER	EMITTED COLOR	DIMENSIONS	CHIP MATERIAL	WAVELENGTH		LUMINOUS INTENSITY @ 20mA		VIEWING ANGLE
				Peak	Dominant	Min.	Typical.	
PL00180-WCRGB182511	Red	3.2 x 2.7 x 1.1mm	AlInGaP	645	631	45.0	72.0	120°
	True Green		InGaN	523	525	180.0	315.0	
	Blue			468	470	45.0	72.0	
PL00192-WCRGB182511	Red	3.2 x 1.0 x 1.5mm	AlInGaP	645	631	45.0	72.0	
	True Green		InGaN	523	525	180.0	315.0	
	Blue			468	470	45.0	72.0	
PL00135-WCRGB182511	Red	1.6 x 1.5 x 0.6mm	AlInGaP	645	631	45.0	72.0	
	True Green		InGaN	523	525	180.0	315.0	
	Blue			468	472	45.0	72.0	

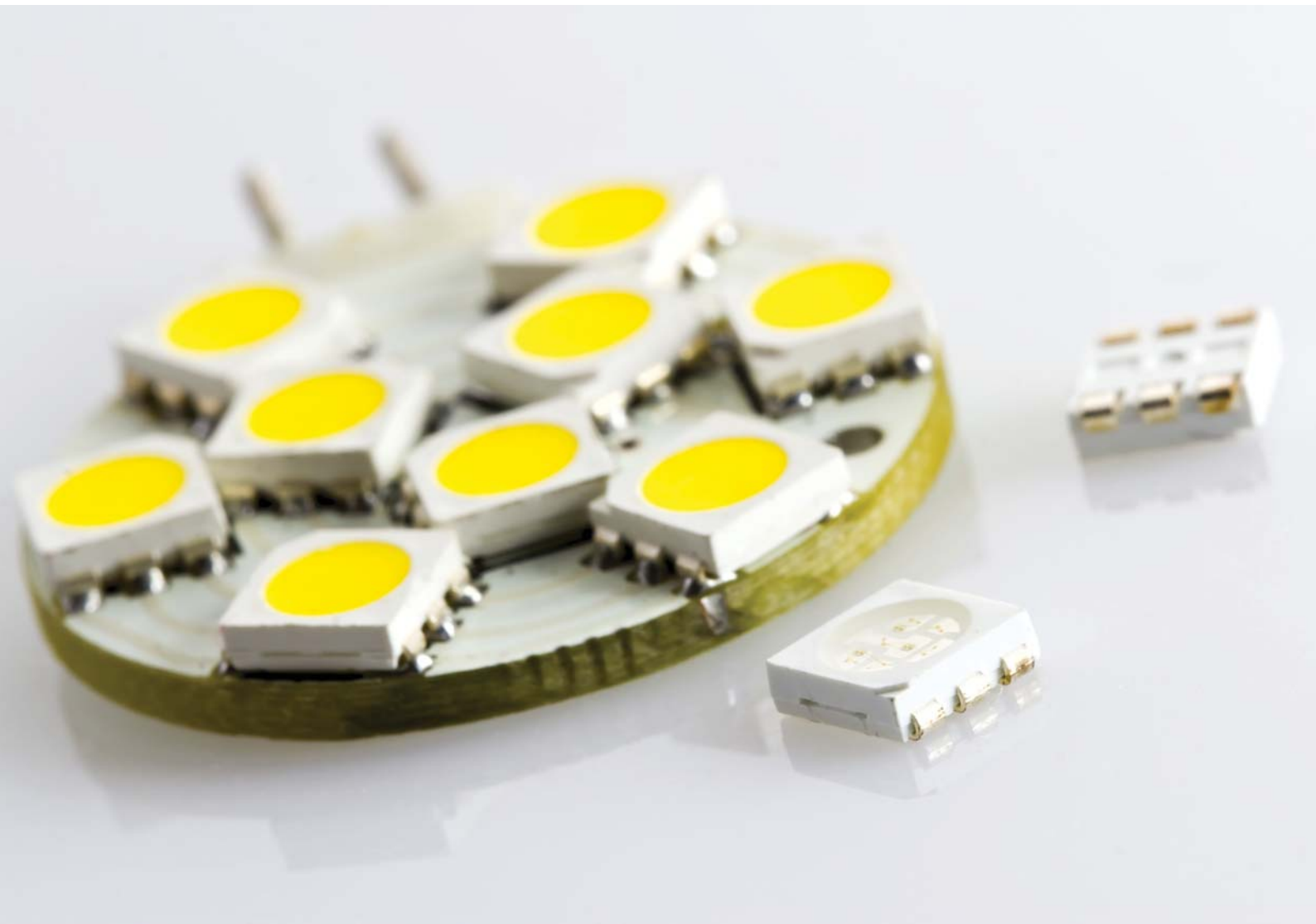
1206 REVERSE MOUNT SMD SPECIFICATIONS

PART NUMBER	EMITTED COLOR	DIMENSIONS	CHIP MATERIAL	WAVELENGTH (nm)	LUMINOUS INTENSITY @ 20mA		VIEWING ANGLE
				Dominant	Min.	Typical.	
PLH00250-WCR08	Orange-Red	3.2 x 1.6 x 1.85mm	AlInGaP	622	450.0	670.0	40°
PLH00250-WCR26	Deep Red		AlInGaP	632	450.0	780.0	
PLH00250-WCG25	True Green		InGaN	520	1610.0	2050.0	
PLH00250-WCG17	Yellow-Green		AlInGaP	572	560.0	730.0	
PLH00250-WCY08	Yellow		AlInGaP	591	450.0	780.0	
PLH00250-WCB08	Blue		InGaN	470	500.0	850.0	

1205 REVERSE MOUNT SMD SPECIFICATIONS

PART NUMBER	EMITTED COLOR	DIMENSIONS	CHIP MATERIAL	WAVELENGTH (nm)	LUMINOUS INTENSITY @ 20mA		VIEWING ANGLE
				Dominant	Min.	Typical.	
PLH1205-WCR08	Orange-Red	2.0 x 1.25 x 1.1mm	AlInGaP	622	35.0	60.0	40°
PLH1205-WCR26	Deep Red		AlInGaP	632	--	35.0	
PLH1205-WCG25	True Green		InGaN	520	--	527.0	
PLH1205-WCG17	Yellow-Green		AlInGaP	572	--	50.0	
PLH1205-WCY08	Yellow		AlInGaP	591	--	83.0	
PLH1205-WCB11	Blue		InGaN	470	--	150.0	

PIRANHA & PLCC & COB HIGH POWER LEDs



HIGH POWER CERAMIC 3535 LED SPECIFICATIONS

PART NUMBER	EMITTED COLOR	DIMENSIONS	CHIP MATERIAL	CCT (K)	LUMINOUS FLUX		CRI	VIEWING ANGLE
					Min.	Typical.		
PLBT3535HPW-YDCW70	Cool White	3.5 x 3.5 x 2.0 mm	InGaN	5710-6540	120.0	130.0	>70	120°
PLBT3535HPW-YDCW82					110.0	130.0	>82	
PLBT3535HPW-YDCW92					90.0	100.0	>92	
PLBT3535HPW-YDPW70	Pure White			4745-5310	120.0	130.0	>70	
PLBT3535HPW-YDPW82					110.0	120.0	>82	
PLBT3535HPW-YDPW92					80.0	100.0	>92	
PLBT3535HPW-YDNW82	Natural White			3710-4260	100.0	120.0	>82	
PLBT3535HPW-YDNW92					80.0	90.0	>92	
PLBT3535HPW-YDWW82	Warm White			2725-3045	90.0	110.0	>82	
PLBT3535HPW-YDWW92					70.0	80.0	>92	
PLBT3535HPW-YDWW70	Warm White			1980-2240	70.0	450.0	>70	

HIGH POWER FLIPCHIP 3535 LED SPECIFICATIONS

PART NUMBER	EMITTED COLOR	DIMENSIONS	CHIP MATERIAL	CCT (K)	LUMINOUS FLUX		CRI	VIEWING ANGLE
					Min.	Typical.		
PLBT3535HPF-YDCW70	Cool White	3.5 x 3.5 x 2.0 mm	InGaN	5710-6540	120.0	130.0	>70	120°
PLBT3535HPF-YDCW82					110.0	130.0	>82	
PLBT3535HPF-YDPW70	Pure White			4745-5310	120.0	130.0	>70	
PLBT3535HPF-YDNW70	Natural White			3710-4260	110.0	130.0	>70	
PLBT3535HPF-YDNW82					100.0	120.0	>82	
PLBT3535HPF-YDWW82	Warm White			2725-3045	90.0	110.0	>82	
PLBT3535HPF-YDWW70	Warm White			1980-2240	70.0	80.0	>70	
PLBT3535HPF-YDCW82A	Cool White			6000	110.0	130.0	>82	
PLBT3535HPF-YDWW82A	Warm White			3000	90.0	100.0	>82	

HIGH POWER COLOR 3535 LED SPECIFICATIONS

PART NUMBER	EMITTED COLOR	DIMENSIONS	CHIP MATERIAL	WAVELENGTH	LUMINOUS FLUX		UNIT	VIEWING ANGLE
					Min.	Typical.		
PLBT3535HPC-WCB17	Blue	3.5 x 3.5 x 2.0 mm / 2.9mm for 60° v/a	InGaN	460-470	20.0	28.0	@350mA	120°
PLBT3535HPC-WCG77	Green			520-530	80.0	110.0		
PLBT3535HPC-WCR27	Red		AlInGaP	620-630	45.0	65.0		
PLBT3535HPC-WCY27	Yellow			585-595	55.0	65.0		
PLBT3535HPC-WCR77	Red			650-670	16.0	20.0		
PLBT3535HPC-WCB47	Blue		InGaN	450-460	14.0	18.0		60°
PLBT3535HPC-WCR27	Red		AlInGaP	620-630	45.0	65.0		
PLBT3535HPC-WCY27	Yellow			585-595	50.0	65.0		
PLBT3535HPC-WCR27-B	Red			620-630	45.0	65.0		

HIGH VOLTAGE CERAMIC 3535 LED SPECIFICATIONS

PART NUMBER	EMITTED COLOR	DIMENSIONS	CHIP MATERIAL	CCT (K)	LUMINOUS FLUX		CRI	VIEWING ANGLE
					Min.	Typical.		
PLBT3535HPH-YDCW82A	Cool White	Cool White	InGaN	5710-6530	130.0	140.0	>70	
PLBT3535HPH-YDWW82A	Warm White			2725-3045	120.	130.0	>70	

HIGH POWER CERAMIC 2016 LED SPECIFICATIONS

PART NUMBER	EMITTED COLOR	DIMENSIONS	CHIP MATERIAL	CCT (K)	LUMINOUS FLUX		WATTAGE	VIEWING ANGLE
					Min.	Typical.		
PLBT2016.5-YDCW	Cool White	2.0 x 1.6 x 0.70mm	InGaN	4746-7040	35.0	40.0	0.5W	115°

HIGH POWER CERAMIC FLIPCHIP 5252 LED SPECIFICATIONS

PART NUMBER	EMITTED COLOR	DIMENSIONS	WATTAGE	CCT (K)	LUMINOUS FLUX		CRI	VIEWING ANGLE
					Min.	Typical		
PLBT52523W-YDCW	Cool White	5.2 x 5.2 x 3.1mm	3W	4745-6530	380.0	560.0	>70	130°

HIGH POWER WHITE BI-COLOR 5252 LED SPECIFICATIONS

PART NUMBER	EMITTED COLOR	DIMENSIONS	WATTAGE	CCT (K)	LUMINOUS FLUX		CRI	VIEWING ANGLE
					Min.	Typical		
PLBT52523W-YDBW	White	5.2 x 5.2 x 3.1mm	3W	6500K/3000K	380.0	560.0	>80	130°

HIGH POWER 5252 WHITE + RGB LED SPECIFICATIONS

PART NUMBER	COLOR	DIMENSIONS	LUMINOUS FLUX @350mA		WAVELENGTH (NM) / CCT (K)		VIEWING ANGLE
			Min.	Typical	Min.	Typical	
PLBT52523W-YDCWRGB (FLAT LENS)	Cool White	5.2 x 5.2 x 1.3mm	65.0	90.0	5000K	8220K	120° / 130°
	Red		30.0	55.0	620nm	630nm	
	Green		60.0	90.0	520nm	530nm	
	Blue		14.0	24.0	455nm	560nm	
PLBT52523RW-YDCWRGB (ROUND LENS)	Cool White		65.0	90.0	5000K	8220K	
	Red		30.0	55.0	620nm	630nm	
	Green		60.0	90.0	520nm	530nm	
	Blue		14.0	24.0	455nm	465nm	
PLBT52523W-YDCWRGB1 (FLAT LENS)	Warm White		65.0	90.0	5000K	8220K	
	Red		30.0	55.0	620nm	630nm	
	Green		60.0	90.0	520nm	530nm	
	Blue		14.0	24.0	455nm	465nm	
PLBT52523W-YDCWRGB2 (FLAT LENS)	Cool White		65.0	90.0	5000K	8220K	
	Red		30.0	55.0	620nm	630nm	
	Green		65.0	90.0	520nm	530nm	
	Blue		14.0	24.0	455nm	465nm	

HIGH FLUX PIRANHA LED SPECIFICATIONS

PART NUMBER	EMITTED COLOR	DIMENSIONS	CHIP MATERIAL	WAVELENGTH	LUMINOUS FLUX		UNIT	VIEWING ANGLE
					Min.	Typical		
PLC760-WCB04	Blue	7.60 x 7.60 x 7.75mm	InGaN	470nm	500.0	1500.0	@30mA	140°
PLC760-WCG04	Green			525nm	4000.0	5500.0		
PLC760-WCW04	White			0.31/0.32	5000.0	7000.0		
PLC760A-WCR04	Red		AlInGaP	625nm	6000.0	8000.0		
PLC760A-WCY04	Yellow			590nm	6000.0	8000.0		
PLC761-WCB04	Blue	7.62 x 7.62 x 9.4mm	InGaN	470nm	1000.0	1700.0		15°
PLC761-WCG04	Green			525nm	5000.0	6500.0		
PLC761-WCW04	White			0.31/0.32	6000.0	9000.0		
PLC761A-WCR04	Red		AlInGaP	625nm	5000.0	7000.0		
PLC761A-WCY04	Yellow			590nm	5000.0	7000.0		
PLC762-WCB04	Blue		InGaN	470nm	1500.0	2500.0		70°
PLC762-WCG04	Green			525nm	4000.0	6000.0		
PLC762-WCW04	White			0.31/0.32	2500.0	5000.0		
PLC762A-WCR04	Red		AlInGaP	625nm	4000.0	6000.0		
PLC762A-WCY04	Yellow			590nm	5000.0	8000.0		
PLC763-WCB04	Blue	7.62 x 7.62 x 9.4mm	InGaN	470nm	1000.0	2000.0	@70mA	90°
PLC763-WCW04	White			0.31/0.32	6000.0	9000.0		
PLC764-WCB04	Blue		InGaN	470nm	1500.0	2500.0		50°
PLC764-WCG04	Green			525nm	3500.0	5000.0		
PLC764-WCW04	White			0.31/0.32	6000.0	8500.0		
PLC764A-WCR04	Red		AlInGaP	625nm	4000.0	6000.0		
PLC764A-WCY04	Yellow			590nm	4000.0	6000.0		

PLCC 3014 SMD SPECIFICATIONS

PART NUMBER	EMITTED COLOR	DIMENSIONS	CHIP MATERIAL	CCT (K)	LUMINOUS FLUX		UNIT	VIEWING ANGLE
					Min.	Typical.		
PLBT3014-YDCW	Cool White	3.0 x 1.4 x 0.8mm	InGaN	6230K	10.0	11.5	@60mA	120°
PLBT3014-YDNW	Natural White			4000K				
PLBT3014-YDWW	Warm White			2870K				

PLCC EMC 3014 SMD SPECIFICATIONS

PART NUMBER	EMITTED COLOR	DIMENSIONS	CHIP MATERIAL	CCT (K)	LUMINOUS FLUX		UNIT	VIEWING ANGLE
					Min.	Typical.		
PLBTE3014-YDCW	Cool White	3.0 x 1.4 x 0.52mm	InGaN	6530K	20.0	22.0	@60mA	120°
PLBTE3014-YDNW	Natural White			3985K				
PLBTE3014-YDWW	Warm White			3045K				

PLCC 3020 SMD SPECIFICATIONS

PART NUMBER	EMITTED COLOR	DIMENSIONS	CHIP MATERIAL	CCT (K)	LUMINOUS FLUX	CRI	UNIT	VIEWING ANGLE
					Typical.			
PLC3020-WCWW75	Warm White	3.0 x 2.0 x 0.8mm	InGaN	2600-3700	11.5	75	@60mA	120°
PLC3020-WCNW75	Natural White			3700-4700	19.0			
PLC3020-WCPW75	Pure White			4700-7000	22.0			
PLC3020-WCWWxx	Warm White			2600-3700	6.0 - 8.0	65/75/85/95	@20mA	
PLC3020-WCNWxx	Natural White			3700-4700	6.4 - 7.6	75/85/95		
PLC3020-WCPWxx	Pure White			4700-7000	6.8 - 8.5	75/85/95		

PLCC EMC 3030 SMD SPECIFICATIONS

PART NUMBER	EMITTED COLOR	DIMENSIONS	CHIP MATERIAL	CCT (K)	LUMINOUS FLUX		UNIT	VIEWING ANGLE
					Min.	Typical.		
PLBTE3030-YDCW	Cool White	3.0 x 3.0 x 0.52mm	InGaN	6000	110.0	115.0	@150mA	120°
PLBTE3030-YDNW	Natural White			3900	105.0	110.0		
PLBTE3030-YDWW	Warm White			2950	100.0	105.0		

PLCC 3528 SMD SPECIFICATIONS

PART NUMBER	EMITTED COLOR	DIMENSIONS	CHIP MATERIAL	WAVELENGTH (nm) / CCT (K)	LUMINOUS INTENSITY		UNIT	VIEWING ANGLE
					Min.	Typical.		
PLBT3528A-WCR22	Orange-Red	3.5 x 2.8 x 1.8mm	AllnGaP	620-630	120.0	210.0	@20mA	120°
PLBT3528A-WCG72	True Green		InGaN	520-535	1300.0	1700.0		
PLBT3528A-WCB12	Blue			462.5-472.5	270.0	350.0		
PLBT3528A-YDW32	White			5450-7400K	2050.0	24000		
PLBT3528B-WCR63	Red		AllnGaP	650-670	120.0	210.0	@20mA	
PLBT3528B-WCB43	Blue		InGaN	447.5-462.5	90.0	170.0		
PLBT3528B-WCR22	Orange-Red		AllnGaP	620-630	120.0	210.0		
PLBT3528B-WCY22	Yellow			585-597	120.0	210.0		
PLBT3528B-WCB12	Blue		InGaN	462.5-472.5	210.0	270.0	@5mA	
PLBT3528B-WCW31Z2	White			x:0.19 / y: 0.19	780.0	960.0		
PLBT3528B-WCW31Z1	White			x: 0.23 / y: 0.19	160.0	300.0		
PLBT3528C-WCR24	Orange-Red		AllnGaP	615-630nm	1300.0	2500.0	@70mA	
PLBT3528C-WCY24	Yellow			585-597	1300.0	2500.0		
PLBT3528D-WCR24	Red			620-630	1300.0	2000.0	@50mA	
PLBT3528D-WCY24	Yellow			585-597	1300.0	2100.0		
PLBT3528A-WCRGB1-BF	Red		AllnGaP	615-630nm	510.0	700.0	@20mA	
	Green		InGaN	520-535nm	1080.0	1450.0		
	Blue			461-470nm	200.0	280.0		
PLBT3528A-WCRGB2-BF	Red		AllnGaP	615-630nm	160.0	235.0		
	Green		InGaN	520-535nm	648.0	1000.0		
	Blue			461-470nm	160.0	235.0		

PLCC 2835 SMD SPECIFICATIONS

PART NUMBER	EMITTED COLOR	DIMENSIONS	CHIP MATERIAL	CCT (K)	LUMINOUS FLUX		CRI	UNIT	VIEWING ANGLE
					Min.	Typical.			
PLBT2835A-YDCW-A	Cool White	2.8 x 3.5 x 0.8mm	InGaN	5710-6530	22	23	70	@60mA	120°
PLBT2835A-YDCW-B	Cool White			5710-6530	20	22	80		
PLBT2835A-YDNW	Natural White			3710-4260	18	20	80		
PLBT2835A-YDWW	Warm White			2725-3045	18	20	80		
PLBT2835B-YDCW-A	Cool White			5710-6530	55	61	70	@150mA	
PLBT3825B-YDCW-B	Cool White			5710-6530	50	56	80		
PLBT2835B-YDNW	Natural White			3710-4260	45	53	80		
PLBT2835B-YDWW	Warm White			2725-3045	40	47	80		
PLBT2835C-YDCW-A	Cool White			5710-6530	16	20	90	@60mA	
PLBT2835C-YDNW	Natural White			3710-4260	18	20	80		
PLBT2835C-YDCW-B	Cool White			5710-6530	35	45	80		

PLCC 3527 SMD SPECIFICATIONS

	EMITTED COLOR	DIMENSIONS	CHIP MATERIAL	CCT (K)	LUMINOUS INTENSITY		UNIT	VIEWING ANGLE
					Min.	Typical.		
PLBT3527-YDCW	Cool White	3.5 x 2.7 x 1.0mm	InGaN	5710-6530	2540.0	2900.0	@20mA	120°
PLBT3527-YDNW	Natural White			3710-4260	2450.0	2750.0		
PLBT3527-YDWW	Warm White			2725-3045	2050.0	2350.0		

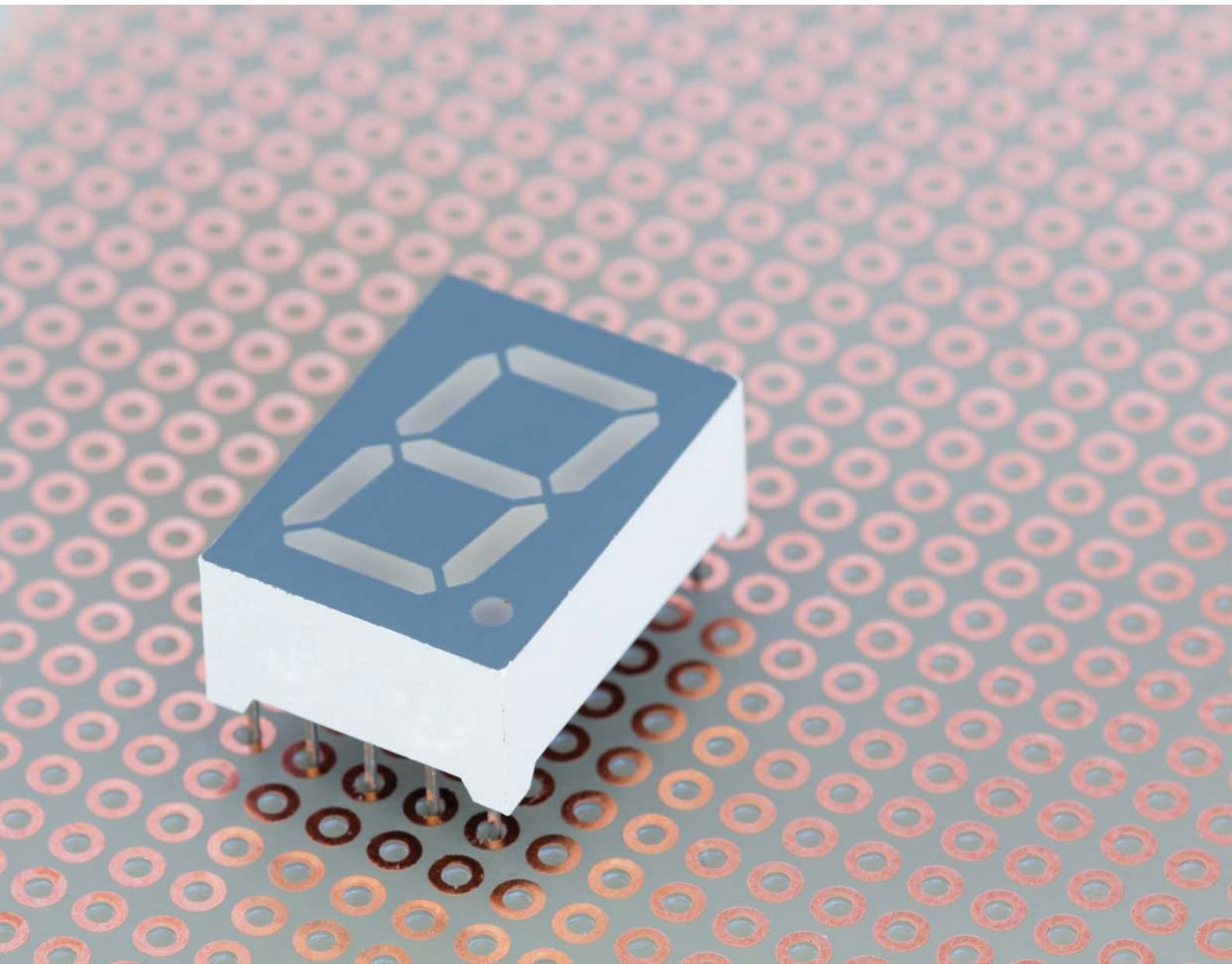
PLCC 5050 SMD SPECIFICATIONS

PART NUMBER	EMITTED COLOR	DIMENSIONS	CHIP MATERIAL	WAVELENGTH (nm) / CCT (K)	LUMINOUS INTENSITY		CRI	UNIT	VIEWING ANGLE
					Min.	Typical.			
PLBT5050-WC3R23	Orange-Red	5.0 x 5.0 x 1.6mm	AllnGaP	620-630nm	1000.0	1900.0	--	@20*3mA	120°
PLBT5050-WC3G72	Green		InGaN	520-535nm	3600.0	4600.0	--		
PLBT5050-WC3B12	Blue			462.5-472.5nm	780.0	1000.0	--		
PLBT5050-YD3CW	Cool White			5450-6650K	6000.0	6900.0	70		
PLBT5050-YD3NW	Natural White			3920-4600K	6000.0	7000.0	70		
PLBT5050-YD3WW-A	Warm White			2760-3160K	4000.0	6000.0	70		
PLBT5050-YD3WW-B	Warm White			2400-2760K	4600.0	7000.0	70		
PLBT5050-YD3PW	Pure White			5000-6000K	2800.0	4800.0	80		
PLBT5050-WCRGB3-BF	Red	5.0 x 5.0 x 1.6mm	AllnGaP	615-630nm	--	850.0	--	@20mA	
	Green		InGaN	520-535nm	--	1850.0	--		
	Blue			461-476nm	--	330.0	--		
PLBT5050-WCRGB2	Red	5.0 x 5.0 x 1.6mm	AllnGaP	615-630nm	--	700.0	--		
	Green		InGaN	520-535nm	--	1750.0	--		
	Blue			461-470nm	--	320.0	--		

PLCC 5730 SMD SPECIFICATIONS

PART NUMBER	EMITTED COLOR	DIMENSIONS	CHIP MATERIAL	CCT (K)	LUMINOUS FLUX		UNIT	VIEWING ANGLE
					Min.	Typical.		
PLBT5730-YDCW	Cool White	5.7 x 3.0 x 0.9mm	InGaN	6530	--	65	@20mA	120°
PLBT5730-YDNW	Natural White			4260	--	55		
PLBT5730-YDWW	Warm White			3045	--	45		
PLBT5730V-YDCW	Cool White			6530	--	60		

7 SEGMENT & SURFACE MOUNT & ALPHANUMERIC & DOT MATRIX LED DISPLAYS



SINGLE DIGIT 7 SEGMENT LED DISPLAYS

0.3" 7 SEGMENT, SINGLE DIGIT THRU-HOLE LED DISPLAY SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	PEAK / DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT		LUMINOUS INTENSITY PER SEGMENT	CONDITION
				Typical.	Max.	Typical. (mcd)	
PDC30-CxDG05	True Green	InGaN	* / 525nm	3.2	3.8	120	IF=10mA
PDC30-CxDG17	Yellow Green	AlInGaP	572 / 570 nm	2	2.8	6	
PDC30-CxDY04	Yellow		592 / 590 nm			30	
PDC30-CxDA11	Amber		612 / 605 nm			45	
PDC30-CxDR02	Orange-Red		632 / 625 nm			20	
PDC30-CxDR11	Red		644 / 630 nm			12	
PDC30-CxDR21	Deep Reed		660 / 645 nm			10	

0.31" 7 SEGMENT, SINGLE DIGIT THRU-HOLE LED DISPLAY SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	PEAK / DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF=20mA)		LUMINOUS INTENSITY PER SEGMENT (IF=10mA)
				Typical.	Max.	Typical. (mcd)
PDC31-CxDG05	True Green	InGaN	* / 525nm	3.2	3.8	120
PDC31-CxDG17	Yellow Green	AlInGaP	572 / 570 nm	2	2.8	6
PDC31-CxDY04	Yellow		592 / 590 nm			30
PDC31-CxDA11	Amber		612 / 605 nm			45
PDC31-CxDR02	Orange-Red		632 / 625 nm			20
PDC31-CxDR11	Red		644 / 630 nm			12
PDC31-CxDR21	Deep Reed		660 / 645 nm			10

0.36" 7 SEGMENT, SINGLE DIGIT THRU-HOLE LED DISPLAY SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	PEAK / DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF=20mA)		LUMINOUS INTENSITY PER SEGMENT (IF=10mA)
				Typical.	Max.	Typical. (mcd)
PDC36-CxDG05	True Green	InGaN	* / 525nm	3.2	3.8	120
PDC36-CxDG17	Yellow Green	AlInGaP	572 / 570 nm	2	2.8	6
PDC36-CxDY04	Yellow		592 / 590 nm			30
PDC36-CxDA11	Amber		612 / 605 nm			45
PDC36-CxDR02	Orange-Red		632 / 625 nm			20
PDC36-CxDR11	Red		644 / 630 nm			12
PDC36-CxDR21	Deep Reed		660 / 645 nm			10

0.39" 7 SEGMENT, SINGLE DIGIT THRU-HOLE LED DISPLAY SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	PEAK / DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF=20mA)		LUMINOUS INTENSITY PER SEGMENT (IF=10mA)
				Typical.	Max.	Typical. (mcd)
PDC39-CxDG05	True Green	InGaN	* / 525nm	3.2	3.8	150.0
PDC39-CxDG17	Yellow Green	AlInGaP	572 / 570 nm	2	2.8	9.0
PDC39-CxDY04	Yellow		592 / 590 nm			38.0
PDC39-CxDA11	Amber		612 / 605 nm			48.0
PDC39-CxDR02	Orange-Red		632 / 625 nm			23.0
PDC39-CxDR11	Red		644 / 630 nm			16.0
PDC39-CxDR21	Deep Reed		660 / 645 nm			14.0

0.40" 7 SEGMENT, SINGLE DIGIT THRU-HOLE LED DISPLAY SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	PEAK / DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF=20mA)		LUMINOUS INTENSITY PER SEGMENT (IF=10mA)
				Typical.	Max.	Typical. (mcd)
PDC40-CxDG05	True Green	InGaN	* / 525nm	3.2	3.8	150.0
PDC40-CxDG17	Yellow Green	AlInGaP	572 / 570 nm	2	2.8	9.0
PDC40-CxDY04	Yellow		592 / 590 nm			38.0
PDC40-CxDA11	Amber		612 / 605 nm			48.0
PDC40-CxDR02	Orange-Red		632 / 625 nm			23.0
PDC40-CxDR11	Red		644 / 630 nm			16.0
PDC40-CxDR21	Deep Reed		660 / 645 nm			14.0

0.43" 7 SEGMENT, SINGLE DIGIT THRU-HOLE LED DISPLAY SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	PEAK / DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF=20mA)		LUMINOUS INTENSITY PER SEGMENT (IF=10mA)
				Typical.	Max.	Typical. (mcd)
PDC43-CxDG05	True Green	InGaN	* / 525nm	3.2	3.8	150.0
PDC43-CxDG17	Yellow Green	AlInGaP	572 / 570 nm	2	2.8	9.0
PDC43-CxDY04	Yellow		592 / 590 nm			38.0
PDC43-CxDA11	Amber		612 / 605 nm			48.0
PDC43-CxDR02	Orange-Red		632 / 625 nm			23.0
PDC43-CxDR11	Red		644 / 630 nm			16.0
PDC43-CxDR21	Deep Reed		660 / 645 nm			14.0

0.56" 7 SEGMENT, SINGLE DIGIT THRU-HOLE LED DISPLAY SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	PEAK / DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF=20mA)		LUMINOUS INTENSITY PER SEGMENT (IF=10mA)
				Typical.	Max.	Typical. (mcd)
PDC56-CxDG05	True Green	InGaN	* / 525nm	3.2	3.8	200.0
PDC56-CxDB01	Blue		* / 470nm			28.0
PDC56-CxDG17	Yellow Green	AlInGaP	572 / 570 nm	2	2.8	12.0
PDC56-CxDY04	Yellow		592 / 590 nm			50.0
PDC56-CxDA11	Amber		612 / 605 nm			68.0
PDC56-CxDR02	Orange-Red		632 / 625 nm			32.0
PDC56-CxDR11	Red		644 / 630 nm			24.0
PDC56-CxDR21	Deep Red		660 / 645 nm			18.0
PDC56-CADRGB2113-BW	Red	GaAs	645 / 660 nm	1.8	2.5	7.4
	Green	GaP	568 / 572 nm	2.6	5.1	5.1

0.80" 7 SEGMENT, SINGLE DIGIT THRU-HOLE LED DISPLAY SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	PEAK / DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF=20mA)		LUMINOUS INTENSITY PER SEGMENT (IF=10mA)
				Typical.	Max.	Typical. (mcd)
PDC80-CxDG05	True Green	InGaN	* / 525nm	3.2	3.8	227.0
PDC80-CxDG17	Yellow Green	AlInGaP	572 / 570 nm	2	2.8	12.0
PDC80-CxDY04	Yellow		592 / 590 nm			55.0
PDC80-CxDA11	Amber		612 / 605 nm			71.0
PDC80-CxDR02	Orange-Red		632 / 625 nm			34.0
PDC80-CxDR11	Red		644 / 630 nm			25.0
PDC80-CxDR21	Deep Red		660 / 645 nm			19.0

1.0" 7 SEGMENT, SINGLE DIGIT THRU-HOLE LED DISPLAY SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	PEAK / DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF=20mA)		LUMINOUS INTENSITY PER SEGMENT (IF=10mA)
				Typical.	Max.	Typical. (mcd)
PDC100-CxDG05	True Green	InGaN	* / 525nm	3.2	3.8	576.0
PDC100-CxDG17	Yellow Green	AlInGaP	572 / 570 nm	2	2.8	32.0
PDC100-CxDY04	Yellow		592 / 590 nm			137.0
PDC100-CxDA11	Amber		612 / 605 nm			181.0
PDC100-CxDR02	Orange-Red		632 / 625 nm			88.0
PDC100-CxDR11	Red		644 / 630 nm			60.0
PDC100-CxDR21	Deep Red		660 / 645 nm			46.0

2.3" 7 SEGMENT, SINGLE DIGIT THRU-HOLE LED DISPLAY SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	PEAK / DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF=20mA)		LUMINOUS INTENSITY PER SEGMENT (IF=10mA)
				Typical.	Max.	Typical. (mcd)
PDC230-CxDG05	True Green	InGaN	* / 525nm	3.2	3.8	1413.0
PDC230-CxDG17	Yellow Green	AlInGaP	572 / 570 nm	2	2.8	110.0
PDC230-CxDY04	Yellow		592 / 590 nm			283.0
PDC230-CxDA11	Amber		612 / 605 nm			314.0
PDC230-CxDR02	Orange-Red		632 / 625 nm			226.0
PDC230-CxDR11	Red		644 / 630 nm			141.0
PDC230-CxDR21	Deep Red		660 / 645 nm			114.0

3.0" 7 SEGMENT, SINGLE DIGIT THRU-HOLE LED DISPLAY SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	PEAK / DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF=20mA)		LUMINOUS INTENSITY PER SEGMENT (IF=10mA)
				Typical.	Max.	Typical. (mcd)
PDC300-CxDG05	True Green	InGaN	* / 525nm	3.2	3.8	2474.0
PDC300-CxDG17	Yellow Green	AlInGaP	572 / 570 nm	2	2.8	150.0
PDC300-CxDY04	Yellow		592 / 590 nm			440.0
PDC300-CxDA11	Amber		612 / 605 nm			689.0
PDC300-CxDR02	Orange-Red		632 / 625 nm			454.0
PDC300-CxDR11	Red		644 / 630 nm			177.0
PDC300-CxDR21	Deep Red		660 / 645 nm			154.0

4.0" 7 SEGMENT, SINGLE DIGIT THRU-HOLE LED DISPLAY SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	PEAK / DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF=20mA)		LUMINOUS INTENSITY PER SEGMENT (IF=10mA)
				Typical.	Max.	Typical. (mcd)
PDC400-CxDG05	True Green	InGaN	* / 525nm	3.2	3.8	1921.0
PDC400-CxDG17	Yellow Green	AlInGaP	572 / 570 nm	2	2.8	111.0
PDC400-CxDY04	Yellow		592 / 590 nm			330.0
PDC400-CxDA11	Amber		612 / 605 nm			445.0
PDC400-CxDR02	Orange-Red		632 / 625 nm			267.0
PDC400-CxDR11	Red		644 / 630 nm			151.0
PDC400-CxDR21	Deep Red		660 / 645 nm			115.0

DUAL DIGIT 7 SEGMENT LED DISPLAYS

0.3" 7 SEGMENT, DUAL DIGIT THRU-HOLE LED DISPLAY SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	PEAK / DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF=20mA)		LUMINOUS INTENSITY PER SEGMENT (IF=10mA)
				Typical.	Max.	Typical. (mcd)
PDC302-CxPG05	True Green	InGaN	* / 525nm	3.2	3.8	120.0
PDC302-CxPG17	Yellow Green	AlInGaP	572 / 570 nm	2	2.8	6.0
PDC302-CxPY04	Yellow		592 / 590 nm			30.0
PDC302-CxPA11	Amber		612 / 605 nm			45.0
PDC302-CxPR02	Orange-Red		632 / 625 nm			20.0
PDC302-CxPR11	Red		644 / 630 nm			12.0
PDC302-CxPR21	Deep Red		660 / 645 nm			10.0

0.40" 7 SEGMENT, DUAL DIGIT THRU-HOLE LED DISPLAY SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	PEAK / DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF=20mA)		LUMINOUS INTENSITY PER SEGMENT (IF=10mA)
				Typical.	Max.	Typical. (mcd)
PDC402-CxDG05	True Green	InGaN	* / 525nm	3.2	3.8	156.0
PDC402-CxDG17	Yellow Green	AlInGaP	572 / 570 nm	2	2.8	9.0
PDC402-CxDY04	Yellow		592 / 590 nm			40.0
PDC402-CxDA11	Amber		612 / 605 nm			50.0
PDC402-CxDR02	Orange-Red		632 / 625 nm			25.0
PDC402-CxDR11	Red		644 / 630 nm			18.0
PDC402-CxDR21	Deep Red		660 / 645 nm			15.0

0.50" 7 SEGMENT, DUAL DIGIT THRU-HOLE LED DISPLAY SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	PEAK / DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF=20mA)		LUMINOUS INTENSITY PER SEGMENT (IF=10mA)
				Typical.	Max.	Typical. (mcd)
PDC502-CxDG05	True Green	InGaN	* / 525nm	3.2	3.8	200.0
PDC502-CxDG17	Yellow Green	AlInGaP	572 / 570 nm	2	2.8	9.0
PDC502-CxDY04	Yellow		592 / 590 nm			40.0
PDC502-CxDA11	Amber		612 / 605 nm			55.0
PDC502-CxDR02	Orange-Red		632 / 625 nm			25.0
PDC502-CxDR11	Red		644 / 630 nm			20.0
PDC502-CxDR21	Deep Red		660 / 645 nm			15.0

0.52" 7 SEGMENT, DUAL DIGIT THRU-HOLE LED DISPLAY SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	PEAK / DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF=20mA)		LUMINOUS INTENSITY PER SEGMENT (IF=10mA)
				Typical.	Max.	Typical. (mcd)
PDC522-CxDG05	True Green	InGaP	* / 525nm	3.2	3.8	218.0
PDC522-CxDG17	Yellow Green	AlInGaP	572 / 570 nm	2	2.8	10.0
PDC522-CxDY04	Yellow		592 / 590 nm			43.0
PDC522-CxDA11	Amber		612 / 605 nm			59.0
PDC522-CxDR02	Orange-Red		632 / 625 nm			30.0
PDC522-CxDR11	Red		644 / 630 nm			21.0
PDC522-CxDR21	Deep Red		660 / 645 nm			15.0

0.56" 7 SEGMENT, DUAL DIGIT THRU-HOLE LED DISPLAY SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	PEAK / DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF=20mA)		LUMINOUS INTENSITY PER SEGMENT (IF=10mA)
				Typical.	Max.	Typical. (mcd)
PDC562-CxDG05	True Green	InGaP	* / 525nm	3.2	3.8	220.0
PDC562-CxDG17	Yellow Green	AlInGaP	572 / 570 nm	2	2.8	12.0
PDC562-CxDY04	Yellow		592 / 590 nm			50.0
PDC562-CxDA11	Amber		612 / 605 nm			68.0
PDC562-CxDR02	Orange-Red		632 / 625 nm			32.0
PDC562-CxDR11	Red		644 / 630 nm			24.0
PDC562-CxDR21	Deep Red		660 / 645 nm			18.0

0.80" 7 SEGMENT, DUAL DIGIT THRU-HOLE LED DISPLAY SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	PEAK / DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF=20mA)		LUMINOUS INTENSITY PER SEGMENT (IF=10mA)
				Typical.	Max.	Typical. (mcd)
PDC802-CxDG05	True Green	InGaP	* / 525nm	3.2	3.8	230.0
PDC802-CxDG17	Yellow Green	AlInGaP	572 / 570 nm	2	2.8	12.0
PDC802-CxDY04	Yellow		592 / 590 nm			55.0
PDC802-CxDA11	Amber		612 / 605 nm			71.0
PDC802-CxDR02	Orange-Red		632 / 625 nm			34.0
PDC802-CxDR11	Red		644 / 630 nm			25.0
PDC802-CxDR21	Deep Red		660 / 645 nm			19.0

TRIPLE DIGIT 7 SEGMENT LED DISPLAYS

0.3" 7 SEGMENT, TRIPLE DIGIT THRU-HOLE LED DISPLAY SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	PEAK / DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF=20mA)		LUMINOUS INTENSITY PER SEGMENT (IF=10mA)
				Typical.	Max.	Typical. (mcd)
PDC303-CxMG05	True Green	InGaN	* / 525nm	3.2	3.8	120.0
PDC303-CxMG17	Yellow Green	AlInGaP	572 / 570 nm	2	2.8	6.0
PDC303-CxMY04	Yellow		592 / 590 nm			30.0
PDC303-CxMA11	Amber		612 / 605 nm			45.0
PDC303-CxMR02	Orange-Red		632 / 625 nm			20.0
PDC303-CxMR11	Red		644 / 630 nm			12.0
PDC303-CxMR21	Deep Red		660 / 645 nm			10.0

0.39" 7 SEGMENT, TRIPLE DIGIT THRU-HOLE LED DISPLAY SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	PEAK / DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF=20mA)		LUMINOUS INTENSITY PER SEGMENT (IF=10mA)
				Typical.	Max.	Typical. (mcd)
PDC393-CxMG05	True Green	InGaN	* / 525nm	3.2	3.8	150.0
PDC393-CxMG17	Yellow Green	AlInGaP	572 / 570 nm	2	2.8	9.0
PDC393-CxMY04	Yellow		592 / 590 nm			38.0
PDC393-CxMA11	Amber		612 / 605 nm			48.0
PDC393-CxMR02	Orange-Red		632 / 625 nm			23.0
PDC393-CxMR11	Red		644 / 630 nm			16.0
PDC393-CxMR21	Deep Red		660 / 645 nm			14.0

0.40" 7 SEGMENT, TRIPLE DIGIT THRU-HOLE LED DISPLAY SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	PEAK / DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF=20mA)		LUMINOUS INTENSITY PER SEGMENT (IF=10mA)
				Typical.	Max.	Typical. (mcd)
PDC403-CxDG05	True Green	InGaN	* / 525nm	3.2	3.8	156.0
PDC403-CxDG17	Yellow Green	AlInGaP	572 / 570 nm	2	2.8	9.0
PDC403-CxDY04	Yellow		592 / 590 nm			40.0
PDC403-CxDA11	Amber		612 / 605 nm			50.0
PDC403-CxDR02	Orange-Red		632 / 625 nm			25.0
PDC403-CxDR11	Red		644 / 630 nm			18.0
PDC403-CxDR21	Deep Red		660 / 645 nm			15.0

0.52" 7 SEGMENT, TRIPLE DIGIT THRU-HOLE LED DISPLAY SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	PEAK / DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF=20mA)		LUMINOUS INTENSITY PER SEGMENT (IF=10mA)
				Typical.	Max.	Typical. (mcd)
PDC503-CxDG05	True Green	InGaN	* / 525nm	3.2	3.8	218.0
PDC503-CxDG17	Yellow Green	AlInGaP	572 / 570 nm	2	2.8	10.0
PDC503-CxDY04	Yellow		592 / 590 nm			43.0
PDC503-CxDA11	Amber		612 / 605 nm			59.0
PDC503-CxDR02	Orange-Red		632 / 625 nm			30.0
PDC503-CxDR11	Red		644 / 630 nm			21.0
PDC503-CxDR21	Deep Red		660 / 645 nm			15.0

0.56" 7 SEGMENT, TRIPLE DIGIT THRU-HOLE LED DISPLAY SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	PEAK / DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF=20mA)		LUMINOUS INTENSITY PER SEGMENT (IF=10mA)
				Typical.	Max.	Typical. (mcd)
PDC563-CxMG05	True Green	InGaN	* / 525nm	3.2	3.8	220.0
PDC563-CxMW01	White		X: 0.27 / Y: 0.25			98.0
PDC563-CxMG17	Yellow Green	AlInGaP	572 / 570 nm	2	2.8	12.0
PDC563-CxMY04	Yellow		592 / 590 nm			50.0
PDC563-CxMA11	Amber		612 / 605 nm			68.0
PDC563-CxMR02	Orange-Red		632 / 625 nm			32.0
PDC563-CxMR11	Red		644 / 630 nm			24.0
PDC563-CxMR21	Deep Red		660 / 645 nm			18.0

0.80" 7 SEGMENT, TRIPLE DIGIT THRU-HOLE LED DISPLAY SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	PEAK / DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF=20mA)		LUMINOUS INTENSITY PER SEGMENT (IF=10mA)
				Typical.	Max.	Typical. (mcd)
PDC803-CxMG05	True Green	InGaN	* / 525nm	3.2	3.8	227.0
PDC803-CxMG17	Yellow Green	AlInGaP	572 / 570 nm	2	2.8	12.0
PDC803-CxMY04	Yellow		592 / 590 nm			55.0
PDC803-CxMA11	Amber		612 / 605 nm			71.0
PDC803-CxMR02	Orange-Red		632 / 625 nm			34.0
PDC803-CxMR11	Red		644 / 630 nm			25.0
PDC803-CxMR21	Deep Red		660 / 645 nm			19.0

QUAD DIGIT 7 SEGMENT LED DISPLAYS

0.28" 7 SEGMENT, QUAD DIGIT THRU-HOLE LED DISPLAY SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	PEAK / DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF=20mA)		LUMINOUS INTENSITY PER SEGMENT (IF=10mA)
				Typical.	Max.	Typical. (mcd)
PDC284-CxMG05	True Green	InGaN	* / 525nm	3.2	3.8	120.0
PDC284-CxMG17	Yellow Green	AlInGaP	572 / 570 nm	2	2.8	6.0
PDC284-CxMY04	Yellow		592 / 590 nm			30.0
PDC284-CxMA11	Amber		612 / 605 nm			45.0
PDC284-CxMR02	Orange-Red		632 / 625 nm			20.0
PDC284-CxMR11	Red		644 / 630 nm			12.0
PDC284-CxMR21	Deep Red		660 / 645 nm			10.0

0.39" 7 SEGMENT, QUAD DIGIT THRU-HOLE LED DISPLAY SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	PEAK / DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF=20mA)		LUMINOUS INTENSITY PER SEGMENT (IF=10mA)
				Typical.	Max.	Typical. (mcd)
PDC394-CxMG05	True Green	InGaN	* / 525nm	3.2	3.8	150.0
PDC394-CxMG17	Yellow Green	AlInGaP	572 / 570 nm	2	2.8	8.0
PDC394-CxMY04	Yellow		592 / 590 nm			38.0
PDC394-CxMA11	Amber		612 / 605 nm			47.0
PDC394-CxMR02	Orange-Red		632 / 625 nm			23.0
PDC394-CxMR11	Red		644 / 630 nm			16.0
PDC394-CxMR21	Deep Red		660 / 645 nm			14.0

0.52" 7 SEGMENT, QUAD DIGIT THRU-HOLE LED DISPLAY SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	PEAK / DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF=20mA)		LUMINOUS INTENSITY PER SEGMENT (IF=10mA)
				Typical.	Max.	Typical. (mcd)
PDC524-CxDG05	True Green	InGaN	* / 525nm	3.2	3.8	220.0
PDC524-CxDG17	Yellow Green	AlInGaP	572 / 570 nm	2	2.8	11.0
PDC524-CxDY04	Yellow		592 / 590 nm			50.0
PDC524-CxDA11	Amber		612 / 605 nm			67.0
PDC524-CxDR02	Orange-Red		632 / 625 nm			31.0
PDC524-CxDR11	Red		644 / 630 nm			24.0
PDC524-CxDR21	Deep Red		660 / 645 nm			20.0

0.56" 7 SEGMENT, QUAD DIGIT THRU-HOLE LED DISPLAY SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	PEAK / DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF=20mA)		LUMINOUS INTENSITY PER SEGMENT (IF=10mA)
				Typical.	Max.	Typical. (mcd)
PDC564-CxMG05	True Green	InGaN	* / 525nm	3.2	3.8	220.0
PDC564-CxMG17	Yellow Green	AlInGaP	572 / 570 nm	2	2.8	11.0
PDC564-CxMY04	Yellow		592 / 590 nm			50.0
PDC564-CxMA11	Amber		612 / 605 nm			67.0
PDC564-CxMR02	Orange-Red		632 / 625 nm			31.0
PDC564-CxMR11	Red		644 / 630 nm			24.0
PDC564-CxMR21	Deep Red		660 / 645 nm			20.0

SINGLE DIGIT 7 SEGMENT SMD LED DISPLAYS

0.20" 7 SEGMENT, SINGLE DIGIT SMD LED DISPLAY SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	PEAK / DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF=20mA)		LUMINOUS INTENSITY PER SEGMENT (IF=10mA)
				Typical.	Max.	Typical. (mcd)
PDC2OSM-CxMG05	True Green	InGaN	* / 525nm	3.2	3.8	75.0
PDC2OSM-CxMG17	Yellow Green	AlInGaP	572 / 570 nm	2	2.8	2.0
PDC2OSM-CxMY04	Yellow		592 / 590 nm			12.0
PDC2OSM-CxMA11	Amber		612 / 605 nm			13.0
PDC2OSM-CxMR02	Orange-Red		632 / 625 nm			5.0
PDC2OSM-CxMR11	Red		644 / 630 nm			5.0
PDC2OSM-CxMR21	Deep Red		660 / 645 nm			4.0

0.28" 7 SEGMENT, SINGLE DIGIT SMD LED DISPLAY SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	PEAK / DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF=20mA)		LUMINOUS INTENSITY PER SEGMENT (IF=10mA)
				Typical.	Max.	Typical. (mcd)
PDC28SM-CxMG05	True Green	InGaN	* / 525nm	3.2	3.8	47.0
PDC28SM-CxMG17	Yellow Green	AlInGaP	572 / 570 nm	2	2.8	2.0
PDC28SM-CxMY04	Yellow		592 / 590 nm			8.0
PDC28SM-CxMA11	Amber		612 / 605 nm			9.0
PDC28SM-CxMR02	Orange-Red		632 / 625 nm			3.0
PDC28SM-CxMR11	Red		644 / 630 nm			4.0
PDC28SM-CxMR21	Deep Red		660 / 645 nm			3.2

0.30" 7 SEGMENT, SINGLE DIGIT SMD LED DISPLAY SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	PEAK / DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF=20mA)		LUMINOUS INTENSITY PER SEGMENT (IF=10mA)
				Typical.	Max.	Typical. (mcd)
PDC30SM-CxMG05	True Green	InGaN	* / 525nm	3.2	3.8	47.0
PDC30SM-CxMG17	Yellow Green	AlInGaP	572 / 570 nm	2	2.8	2.0
PDC30SM-CxMY04	Yellow		592 / 590 nm			8.0
PDC30SM-CxMA11	Amber		612 / 605 nm			9.0
PDC30SM-CxMR02	Orange-Red		632 / 625 nm			3.0
PDC30SM-CxMR11	Red		644 / 630 nm			4.0
PDC30SM-CxMR21	Deep Red		660 / 645 nm			3.2

0.39" 7 SEGMENT, SINGLE DIGIT SMD LED DISPLAY SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	PEAK / DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF=20mA)		LUMINOUS INTENSITY PER SEGMENT (IF=10mA)
				Typical.	Max.	Typical. (mcd)
PDC39SM-CxMG05	True Green	InGaN	* / 525nm	3.2	3.8	93.0
PDC39SM-CxMG17	Yellow Green	AlInGaP	572 / 570 nm	2	2.8	3.0
PDC39SM-CxMY04	Yellow		592 / 590 nm			17.0
PDC39SM-CxMA11	Amber		612 / 605 nm			18.0
PDC39SM-CxMR02	Orange-Red		632 / 625 nm			8.0
PDC39SM-CxMR11	Red		644 / 630 nm			8.0
PDC39SM-CxMR21	Deep Red		660 / 645 nm			5.0

0.40" 7 SEGMENT, SINGLE DIGIT SMD LED DISPLAY SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	PEAK / DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF=20mA)		LUMINOUS INTENSITY PER SEGMENT (IF=10mA)
				Typical.	Max.	Typical. (mcd)
PDC40SM-CxMG05	True Green	InGaN	* / 525nm	3.2	3.8	47.0
PDC40SM-CxMG17	Yellow Green	AlInGaP	572 / 570 nm	2	2.8	2.0
PDC40SM-CxMY04	Yellow		592 / 590 nm			13.0
PDC40SM-CxMA11	Amber		612 / 605 nm			13.0
PDC40SM-CxMR02	Orange-Red		632 / 625 nm			5.0
PDC40SM-CxMR11	Red		644 / 630 nm			4.0
PDC40SM-CxMR21	Deep Red		660 / 645 nm			4.0

0.56" 7 SEGMENT, SINGLE DIGIT SMD LED DISPLAY SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	PEAK / DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF=20mA)		LUMINOUS INTENSITY PER SEGMENT (IF=10mA)
				Typical.	Max.	Typical. (mcd)
PDC56SM-CxMG05	True Green	InGaN	* / 525nm	3.2	3.8	70.0
PDC56SM-CxMG17	Yellow Green	AlInGaP	572 / 570 nm	2	2.8	3.0
PDC56SM-CxMY04	Yellow		592 / 590 nm			17.0
PDC56SM-CxMA11	Amber		612 / 605 nm			18.0
PDC56SM-CxMR02	Orange-Red		632 / 625 nm			8.0
PDC56SM-CxMR11	Red		644 / 630 nm			9.0
PDC56SM-CxMR21	Deep Red		660 / 645 nm			6.0

DUAL DIGIT 7 SEGMENT SMD LED DISPLAYS

0.20" 7 SEGMENT, DUAL DIGIT SMD LED DISPLAY SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	PEAK / DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF=20mA)		LUMINOUS INTENSITY PER SEGMENT (IF=10mA)
				Typical.	Max.	Typical. (mcd)
PDC202SM-CxMG05	True Green	InGaN	* / 525nm	3.2	3.8	75.0
PDC202SM-CxMG17	Yellow Green	AlInGaP	572 / 570 nm	2	2.8	2.0
PDC202SM-CxMY04	Yellow		592 / 590 nm			12.0
PDC202SM-CxMA11	Amber		612 / 605 nm			13.0
PDC202SM-CxMR02	Orange-Red		632 / 625 nm			5.0
PDC202SM-CxMR11	Red		644 / 630 nm			5.0
PDC202SM-CxMR21	Deep Red		660 / 645 nm			4.0

0.30" 7 SEGMENT, DUAL DIGIT SMD LED DISPLAY SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	PEAK / DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF=20mA)		LUMINOUS INTENSITY PER SEGMENT (IF=10mA)
				Typical.	Max.	Typical. (mcd)
PDC302SM-CxMG05	True Green	InGaN	* / 525nm	3.2	3.8	47.0
PDC302SM-CxMG17	Yellow Green	AlInGaP	572 / 570 nm	2	2.8	2.0
PDC302SM-CxMY04	Yellow		592 / 590 nm			8.0
PDC302SM-CxMA11	Amber		612 / 605 nm			9.0
PDC302SM-CxMR02	Orange-Red		632 / 625 nm			3.0
PDC302SM-CxMR11	Red		644 / 630 nm			4.0
PDC302SM-CxMR21	Deep Red		660 / 645 nm			3.2

0.40" 7 SEGMENT, DUAL DIGIT SMD LED DISPLAY SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	PEAK / DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF=20mA)		LUMINOUS INTENSITY PER SEGMENT (IF=10mA)
				Typical.	Max.	Typical. (mcd)
PDC402SM-CxMG05	True Green	InGaN	* / 525nm	3.2	3.8	47.0
PDC402SM-CxMG17	Yellow Green	AlInGaP	572 / 570 nm	2	2.8	2.0
PDC402SM-CxMY04	Yellow		592 / 590 nm			13.0
PDC402SM-CxMA11	Amber		612 / 605 nm			13.0
PDC402SM-CxMR02	Orange-Red		632 / 625 nm			5.0
PDC402SM-CxMR11	Red		644 / 630 nm			4.0
PDC402SM-CxMR21	Deep Red		660 / 645 nm			4.0

0.56" 7 SEGMENT, DUAL DIGIT SMD LED DISPLAY SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	PEAK / DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF=20mA)		LUMINOUS INTENSITY PER SEGMENT (IF=10mA)
				Typical.	Max.	Typical. (mcd)
PDC562SM-CxMG05	True Green	InGaN	* / 525nm	3.2	3.8	70.0
PDC562SM-CxMG17	Yellow Green	AlInGaP	572 / 570 nm	2	2.8	3.0
PDC562SM-CxMY04	Yellow		592 / 590 nm			17.0
PDC562SM-CxMA11	Amber		612 / 605 nm			18.0
PDC562SM-CxMR02	Orange-Red		632 / 625 nm			8.0
PDC562SM-CxMR11	Red		644 / 630 nm			9.0
PDC562SM-CxMR21	Deep Red		660 / 645 nm			6.0

TRIPLE DIGIT 7 SEGMENT SMD LED DISPLAYS

0.30" 7 SEGMENT, TRIPLE DIGIT SMD LED DISPLAY SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	PEAK / DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF=20mA)		LUMINOUS INTENSITY PER SEGMENT (IF=10mA)
				Typical.	Max.	Typical. (mcd)
PDC303SM-CxMG05	True Green	InGaN	* / 525nm	3.2	3.8	47.0
PDC303SM-CxMG17	Yellow Green	AlInGaP	572 / 570 nm	2	2.8	2.0
PDC303SM-CxMY04	Yellow		592 / 590 nm			8.0
PDC303SM-CxMA11	Amber		612 / 605 nm			9.0
PDC303SM-CxMR02	Orange-Red		632 / 625 nm			3.0
PDC303SM-CxMR11	Red		644 / 630 nm			4.0
PDC303SM-CxMR21	Deep Red		660 / 645 nm			3.2

0.56" 7 SEGMENT, TRIPLE DIGIT SMD LED DISPLAY SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	PEAK / DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF=20mA)		LUMINOUS INTENSITY PER SEGMENT (IF=10mA)
				Typical.	Max.	Typical. (mcd)
PDC563SM-CxMG05	True Green	InGaN	* / 525nm	3.2	3.8	70.0
PDC563SM-CxMG17	Yellow Green	AlInGaP	572 / 570 nm	2	2.8	3.0
PDC563SM-CxMY04	Yellow		592 / 590 nm			17.0
PDC563SM-CxMA11	Amber		612 / 605 nm			18.0
PDC563SM-CxMR02	Orange-Red		632 / 625 nm			8.0
PDC563SM-CxMR11	Red		644 / 630 nm			9.0
PDC563SM-CxMR21	Deep Red		660 / 645 nm			6.0

RGB 7 SEGMENT SMD LED DISPLAYS

0.56" 7 SEGMENT, 1-4 DIGITS SMD LED DISPLAY SPECIFICATIONS

PART NUMBER	EMITTED COLOR	DIGITS	CHIP MATERIAL	PEAK / DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF=20mA)		LUMINOUS INTENSITY PER SEGMENT (IF=10mA)
					Typical.	Max.	Typical. (mcd)
PDC56SM-CxMRGB1	Orange-Red	Single	AlInGaP	632 / 625 nm	2	2.8	8.0
	True Green		InGaN	* / 525 nm	3.2	3.8	70.0
	Blue			* / 470 nm			12.0
PDC562SM-CxMRGB1	Orange-Red	Dual	AlInGaP	632 / 625 nm	2	2.8	8.0
	True Green		InGaN	* / 525 nm	3.2	3.8	70.0
	Blue			* / 470 nm			12.0
PDC563SM-CxMRGB1	Orange-Red	Triple	AlInGaP	632 / 625 nm	2	2.8	8.0
	True Green		InGaN	* / 525 nm	3.2	3.8	70.0
	Blue			* / 470 nm			12.0
PDC564SM-CxMRGB1	Orange-Red	Quad	AlInGaP	632 / 625 nm	2	2.8	8.0
	True Green		InGaN	* / 525 nm	3.2	3.8	70.0
	Blue			* / 470 nm			12.0

ALPHANUMERIC LED DISPLAYS

0.39" 7 SEGMENT, QUAD DIGIT THRU-HOLE LED DISPLAY SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	PEAK / DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT		LUMINOUS INTENSITY PER SEGMENT	CONDITION
				Typical.	Max.	Typical. (mcd)	
PA47-CxDR12	Orange-Red	GaAsP/GaP	626nm	2.1	2.6	6	IF=10mA
PA47-CxDG13	Green	GaP	572nm			5	
PA47-CxDY04	Yellow	GaAsP	590 nm			4	

0.50" ALPHANUMERIC, SINGLE DIGIT THRU-HOLE LED DISPLAY SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	PEAK / DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF=20mA)		LUMINOUS INTENSITY PER SEGMENT (IF=10mA)
				Typical.	Max.	Typical. (mcd)
PA50-CxDG05	True Green	InGaP	* / 525nm	3.2	3.8	218.0
PAC50-CxDG17	Yellow Green	AlInGaP	572 / 570 nm	2	2.8	10.0
PAC50-CxDY04	Yellow		592 / 590 nm			43.0
PA50-CxDA11	Amber		612 / 605 nm			59.0
PA50-CxDR02	Orange-Red		632 / 625 nm			30.0
PA50-CxDR11	Red		644 / 630 nm			20.0
PA50-CxDR21	Deep Red		660 / 645 nm			15.0

0.54" ALPHANUMERIC, SINGLE DIGIT THRU-HOLE LED DISPLAY SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	PEAK / DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF=20mA)		LUMINOUS INTENSITY PER SEGMENT (IF=10mA)
				Typical.	Max.	Typical. (mcd)
PA54-CxMG05	True Green	InGaP	* / 525nm	3.2	3.8	218.0
PA54-CxMG17	Yellow Green	AlInGaP	572 / 570 nm	2	2.8	10.0
PA54-CxMY04	Yellow		592 / 590 nm			43.0
PA54-CxMA11	Amber		612 / 605 nm			59.0
PA54-CxMR02	Orange-Red		632 / 625 nm			30.0
PA54-CxMR11	Red		644 / 630 nm			21.0
PA54-CxDR21	Deep Red		660 / 645 nm			15.0

1.0" ALPHANUMERIC, SINGLE DIGIT THRU-HOLE LED DISPLAY SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	PEAK / DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF=20mA)		LUMINOUS INTENSITY PER SEGMENT (IF=10mA)
				Typical.	Max.	Typical. (mcd)
PA100-CxDG05	True Green	InGaN	* / 525nm	6.4	7.6	576.0
PA100-CxDG17	Yellow Green	AlInGaP	572 / 570 nm	2	2.8	32.0
PA100-CxDY04	Yellow		592 / 590 nm			137.0
PA100-CxDA11	Amber		612 / 605 nm			181.0
PA100-CxDR02	Orange-Red		632 / 625 nm			88.0
PA100-CxDR11	Red		644 / 630 nm			60.0
PA100-CxDR21	Deep Red		660 / 645 nm			46.0

2.3" ALPHANUMERIC, SINGLE DIGIT THRU-HOLE LED DISPLAY SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	PEAK / DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF=20mA)		LUMINOUS INTENSITY PER SEGMENT (IF=10mA)
				Typical.	Max.	Typical. (mcd)
PA230-CxDG05	True Green	InGaN	* / 525nm	6.4	7.6	1413.0
PA230-CxDG17	Yellow Green	AlInGaP	572 / 570 nm	4.0	5.6	110.0
PA230-CxDY04	Yellow		592 / 590 nm			283.0
PA230-CxDA11	Amber		612 / 605 nm			314.0
PA230-CxDR02	Orange-Red		632 / 625 nm			226.0
PA230-CxDR11	Red		644 / 630 nm			141.0
PA230-CxDR21	Deep Red		660 / 645 nm			114.0

DOT MATRIX LED DISPLAYS

0.7" 5 X 7 DOT MATRIX LED DISPLAY SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	PEAK / DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF= 20mA)		LUMINOUS INTENSITY PER SEGMENT (IF= 10mA)
				Typical.	Max.	Typical. (mcd)
PDM577x-G05	True Green	InGaN	* / 525nm	3.2	3.8	230.0
PDM577x-B21	Blue		* / 465nm			30.0
PDM577x-W01	White		x: 0.27 / y: 0.25			30.0
PDM577x-G17	Yellow Green	AlInGaP	572 / 570 nm	2	2.8	16.0
PDM577x-Y04	Yellow		592 / 590 nm			50.0
PDM577x-A11	Amber		612 / 605 nm			60.0
PDM577x-R02	Orange-Red		632 / 625 nm			40.0
PDM577x-R11	Red		644 / 630 nm			40.0
PDM577x-R21	Deep Red		660 / 645 nm			18.0

1.16" 5 X 7 DOT MATRIX LED DISPLAY SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	PEAK / DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF= 20mA)		LUMINOUS INTENSITY PER SEGMENT (IF= 10mA)
				Typical.	Max.	Typical. (mcd)
PDM57116x-G05	True Green	InGaN	* / 525nm	3.2	3.8	330.0
PDM57116x-B21	Blue		* / 465nm			450
PDM57116x-W01	White		x: 0.27 / y: 0.25			200.0
PDM57116x-G17	Yellow Green	AlInGaP	572 / 570 nm	2	2.8	22.0
PDM57116xY04	Yellow		592 / 590 nm			65.0
PDM57116x-A11	Amber		612 / 605 nm			90.0
PDM57116x-R02	Orange-Red		632 / 625 nm			52.0
PDM57116x-R11	Red		644 / 630 nm			52.0
PDM57116x-R21	Deep Red		660 / 645 nm			27.0

1.16" 5 X 7 DOT MATRIX -- LONGER BODY LED DISPLAY SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	PEAK / DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF= 20mA)		LUMINOUS INTENSITY PER SEGMENT (IF= 10mA)
				Typical.	Max.	Typical. (mcd)
PDM57116x-G05-A	True Green	InGaN	* / 525nm	3.2	3.8	330.0
PDM57116x-B21-A	Blue		* / 465nm			45.0
PDM57116x-W01-A	White		x: 0.27 / y: 0.25			200.0
PDM57116x-G17-A	Yellow Green	AlInGaP	572 / 570 nm	2	2.8	220
PDM57116xY04-A	Yellow		592 / 590 nm			65.0
PDM57116x-A11-A	Amber		612 / 605 nm			90.0
PDM57116x-R02-A	Orange-Red		632 / 625 nm			52.0
PDM57116x-R11-A	Red		644 / 630 nm			52.0
PDM57116x-R21-A	Deep Reed		660 / 645 nm			27.0

2.0" 5 X 7 DOT MATRIX LED DISPLAY SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	PEAK / DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF= 20mA)		LUMINOUS INTENSITY PER SEGMENT (IF= 10mA)
				Typical.	Max.	Typical. (mcd)
PDM57200x-G05	True Green	InGaN	* / 525nm	3.2	3.8	330.0
PDM57200x-B21	Blue		* / 465nm			60.0
PDM57200x-W01	White		x: 0.27 / y: 0.25			230.0
PDM57200x-G17	Yellow Green	AlInGaP	572 / 570 nm	2	2.8	22.0
PDM57200x-Y04	Yellow		592 / 590 nm			65.0
PDM57200x-A11	Amber		612 / 605 nm			90.0
PDM57200x-R02	Orange-Red		632 / 625 nm			52.0
PDM57200x-R11	Red		644 / 630 nm			52.0
PDM57200x-R21	Deep Red		660 / 645 nm			27.0

3.0" 5 X 7 DOT MATRIX LED DISPLAY SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	PEAK / DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF= 20mA)		LUMINOUS INTENSITY PER SEGMENT (IF= 10mA)
				Typical.	Max.	Typical. (mcd)
PDM57300x-G05	True Green	InGaN	* / 525nm	3.2	3.8	1100.0
PDM57300x-B21	Blue		* / 465nm			110.0
PDM57300x-W01	White		x: 0.27 / y: 0.25			380.0
PDM57300x-G17	Yellow Green	AlInGaP	572 / 570 nm	2	2.8	58.0
PDM57300x-Y04	Yellow		592 / 590 nm			140.0
PDM57300x-A11	Amber		612 / 605 nm			220.0
PDM57300x-R02	Orange-Red		632 / 625 nm			135.0
PDM57300x-R11	Red		644 / 630 nm			128.0
PDM57300x-R21	Deep Red		660 / 645 nm			60.0

4.0" 5 X 7 DOT MATRIX LED DISPLAY SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	PEAK / DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF= 20mA)		LUMINOUS INTENSITY PER SEGMENT (IF= 10mA)
				Typical.	Max.	Typical. (mcd)
PDM57400x-G05	True Green	InGaN	* / 525nm	3.2	3.8	1100.0
PDM57400x-B21	Blue		* / 465nm			110.0
PDM57400x-W01	White		x: 0.27 / y: 0.25			380.0
PDM57400x-G17	Yellow Green	AlInGaP	572 / 570 nm	2	2.8	43.0
PDM57400x-Y04	Yellow		592 / 590 nm			110.0
PDM57400x-A11	Amber		612 / 605 nm			170.0
PDM57400x-R02	Orange-Red		632 / 625 nm			110.0
PDM57400x-R11	Red		644 / 630 nm			107.0
PDM57400x-R21	Deep Red		660 / 645 nm			67.0

1.4" 5 X 8 DOT MATRIX LED DISPLAY SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	PEAK / DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF= 20mA)		LUMINOUS INTENSITY PER SEGMENT (IF= 10mA)
				Typical.	Max.	Typical. (mcd)
PDM58140x-G05	True Green	InGaN	* / 525nm	3.2	3.8	357.0
PDM58140x-B21	Blue		* / 465nm			45.0
PDM58140x-W01	White		x: 0.27 / y: 0.25			200.0
PDM58140x-G17	Yellow Green	AlInGaP	572 / 570 nm	2	2.8	22.0
PDM58140x-Y04	Yellow		592 / 590 nm			69.0
PDM58140x-A11	Amber		612 / 605 nm			91.0
PDM58140x-R02	Orange-Red		632 / 625 nm			55.0
PDM58140x-R11	Red		644 / 630 nm			52.0
PDM58140x-R21	Deep Red		660 / 645 nm			27.0

2.3" 5 X 8 DOT MATRIX LED DISPLAY SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	PEAK / DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF= 20mA)		LUMINOUS INTENSITY PER SEGMENT (IF= 10mA)
				Typical.	Max.	Typical. (mcd)
PDM58230x-G05	True Green	InGaN	* / 525nm	3.2	3.8	489.0
PDM58230x-B21	Blue		* / 465nm			60.0
PDM58230x-W01	White		x: 0.27 / y: 0.25			230.0
PDM58230x-G17	Yellow Green	AlInGaP	572 / 570 nm	2	2.8	28.0
PDM58230x-Y04	Yellow		592 / 590 nm			81.0
PDM58230x-A11	Amber		612 / 605 nm			106.0
PDM58230x-R02	Orange-Red		632 / 625 nm			62.0
PDM58230x-R11	Red		644 / 630 nm			58.0
PDM58230x-R21	Deep Red		660 / 645 nm			27.0

4.6" 5 X 8 DOT MATRIX LED DISPLAY SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	PEAK / DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF= 20mA)		LUMINOUS INTENSITY PER SEGMENT (IF= 10mA)
				Typical.	Max.	Typical. (mcd)
PDM58460x-G05	True Green	InGaN	* / 525nm	3.2	3.8	1074.0
PDM58460x-B21	Blue		* / 465nm			110.0
PDM58460x-W01	White		x: 0.27 / y: 0.25			280.0
PDM58460x-G17	Yellow Green	AlInGaP	572 / 570 nm	2	2.8	43.0
PDM58460x-Y04	Yellow		592 / 590 nm			110.0
PDM58460x-A11	Amber		612 / 605 nm			170.0
PDM58460x-R02	Orange-Red		632 / 625 nm			110.0
PDM58460x-R11	Red		644 / 630 nm			107.0
PDM58460x-R21	Deep Red		660 / 645 nm			61.0

0.76" 8 X 8 DOT MATRIX LED DISPLAY SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	PEAK / DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF= 20mA)		LUMINOUS INTENSITY PER SEGMENT (IF= 10mA)
				Typical.	Max.	Typical. (mcd)
PDM8876x-G05	True Green	InGaN	* / 525nm	3.2	3.8	230.0
PDM8876x-B21	Blue		* / 465nm			30.0
PDM8876x-W01	White		x: 0.27 / y: 0.25			210.0
PDM8876x-G17	Yellow Green	AlInGaP	572 / 570 nm	2	2.8	16.0
PDM8876x-Y04	Yellow		592 / 590 nm			50.0
PDM8876x-A11	Amber		612 / 605 nm			60.0
PDM8876x-R02	Orange-Red		632 / 625 nm			40.0
PDM8876x-R11	Red		644 / 630 nm			40.0
PDM8876x-R21	Deep Red		660 / 645 nm			18.0

1.2" 8 X 8 DOT MATRIX LED DISPLAY SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	PEAK / DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF= 20mA)		LUMINOUS INTENSITY PER SEGMENT (IF= 10mA)
				Typical.	Max.	Typical. (mcd)
PDM88120x-G05	True Green	InGaN	* / 525nm	3.2	3.8	357.0
PDM88120x-B21	Blue		* / 465nm			45.0
PDM88120x-W01	White		x: 0.27 / y: 0.25			200.0
PDM88120x-G17	Yellow Green	AlInGaP	572 / 570 nm	2	2.8	23.0
PDM88120x-Y04	Yellow		592 / 590 nm			69.0
PDM88120x-A11	Amber		612 / 605 nm			92.0
PDM88120x-R02	Orange-Red		632 / 625 nm			55.0
PDM88120x-R11	Red		644 / 630 nm			53.0
PDM88120x-R21	Deep Red		660 / 645 nm			27.0

1.5" 8 X 8 DOT MATRIX; 3.7mm DOT PITCH LED DISPLAY SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	PEAK / DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF= 20mA)		LUMINOUS INTENSITY PER SEGMENT (IF= 10mA)
				Typical.	Max.	Typical. (mcd)
PDM88150x-G05	True Green	InGaN	* / 525nm	3.2	3.8	350.0
PDM88150x-G17	Yellow Green	AlInGaP	572 / 570 nm	2	2.8	21.0
PDM88150x-Y04	Yellow		592 / 590 nm			63.0
PDM88150x-A11	Amber		612 / 605 nm			82.0
PDM88150x-R02	Orange-Red		632 / 625 nm			50.0
PDM88150x-R11	Red		644 / 630 nm			44.0
PDM88150x-R21	Deep Red		660 / 645 nm			23.0

1.5" 8 X 8 DOT MATRIX; 3.8mm DOT PITCH LED DISPLAY SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	PEAK / DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF= 20mA)		LUMINOUS INTENSITY PER SEGMENT (IF= 10mA)
				Typical.	Max.	Typical. (mcd)
PDM88150x-G05	True Green	InGaN	* / 525nm	3.2	3.8	350.0
PDM88150x-G17	Yellow Green	AlInGaP	572 / 570 nm	2	2.8	21.0
PDM88150x-Y04	Yellow		592 / 590 nm			63.0
PDM88150x-A11	Amber		612 / 605 nm			82.0
PDM88150x-R02	Orange-Red		632 / 625 nm			50.0
PDM88150x-R11	Red		644 / 630 nm			44.0
PDM88150x-R21	Deep Red		660 / 645 nm			23.0

1.85" 8 X 8 DOT MATRIX LED DISPLAY SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	PEAK / DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF= 20mA)		LUMINOUS INTENSITY PER SEGMENT (IF= 10mA)
				Typical.	Max.	Typical. (mcd)
PDM88185x-G05	True Green	InGaN	* / 525nm	3.2	3.8	489.0
PDM88185x-B01	Blue		* / 465nm			60.0
PDM88185x-W01	White		x: 0.27 / y: 0.25			250.0
PDM88185x-G17	Yellow Green	AlInGaP	572 / 570 nm	2	2.8	28.0
PDM88185x-Y04	Yellow		592 / 590 nm			81.0
PDM88185x-A11	Amber		612 / 605 nm			106.0
PDM88185x-R02	Orange-Red		632 / 625 nm			62.0
PDM88185x-R11	Red		644 / 630 nm			58.0
PDM88185x-R21	Deep Red		660 / 645 nm			29.0

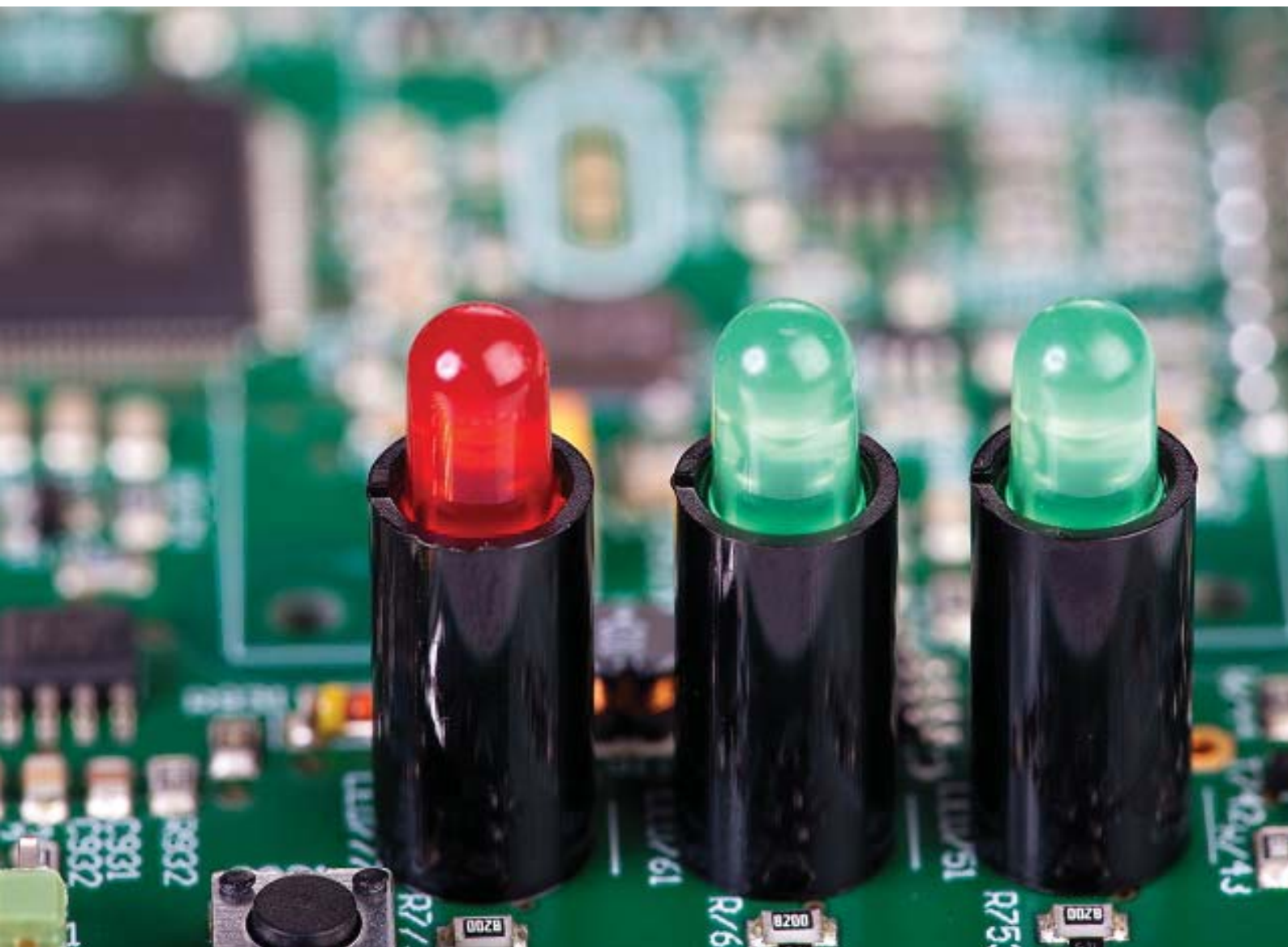
2.3" 8 X 8 DOT MATRIX LED DISPLAY SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	PEAK / DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF= 20mA)		LUMINOUS INTENSITY PER SEGMENT (IF= 10mA)
				Typical.	Max.	Typical. (mcd)
PDM88230x-G05	True Green	InGaN	* / 525nm	3.2	3.8	489.0
PDM88230x-B01	Blue		* / 465nm			60.0
PDM88230x-W01	White		x: 0.27 / y: 0.25			250.0
PDM88230x-G17	Yellow Green	AlInGaP	572 / 570 nm	2	2.8	28.0
PDM88230x-Y04	Yellow		592 / 590 nm			81.0
PDM88230x-A11	Amber		612 / 605 nm			106.0
PDM88230x-R02	Orange-Red		632 / 625 nm			62.0
PDM88230x-R11	Red		644 / 630 nm			58.0
PDM88230x-R21	Deep Red		660 / 645 nm			29.0

1.5" 16 X 16 DOT MATRIX LED DISPLAY SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	PEAK / DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF= 20mA)		LUMINOUS INTENSITY PER SEGMENT (IF= 10mA)
				Typical.	Max.	Typical. (mcd)
PDM1616150x-G05	True Green	InGaN	* / 525nm	3.2	3.8	125.0
PDM1616150x-G17	Yellow Green	AlInGaP	572 / 570 nm	2	2.8	7.0
PDM1616150x-Y04	Yellow		592 / 590 nm			21.0
PDM1616150x-A11	Amber		612 / 605 nm			29.0
PDM1616150x-R02	Orange-Red		632 / 625 nm			16.0
PDM1616150x-R11	Red		644 / 630 nm			17.0
PDM1616150x-R21	Deep Red		660 / 645 nm			8.0

CIRCUIT BOARD & PANEL MOUNT INDICATOR LEDs



SINGLE LEVEL CBI LED_s

3mm (T1) RIGHT ANGLE PCB INDICATOR LED_s SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF= 20mA)		LUMINOUS INTENSITY PER SEGMENT (IF= 20mA)	
				Typical.	Max.	Min.	Typical.
PL301-1B20Z	Blue	InGaN	465 nm	3.2	4.4	45.0	100.0
PL301-1B01	Blue	GaN	466 nm	3.8	4.5	30.0	50.0
PL301-1G13	Green	GaP	572 nm	2.1	2.6	9.0	17.0
PL301-1R12	Hi-Eff Red	GaAsP	626 nm			10.0	25.0
PL301-1R24	Red	GaP	650 nm			1.3	3.0
PL301-1Y01	Yellow	GaAsP	590 nm			9.0	20.0

3mm (T1) RIGHT ANGLE WITH STAND-OFF PCB INDICATOR LED_s SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF= 20mA)		LUMINOUS INTENSITY PER SEGMENT (IF= 20mA)	
				Typical.	Max.	Min.	Typical.
PL302ST-1B20Z	Blue	InGaN	465 nm	3.2	4.4	45.0	100.0
PL302ST-1B01	Blue	GaN	466 nm	3.8	4.5	30.0	50.0
PL302ST-1G13	Green	GaP	572 nm	2.1	2.6	9.0	17.0
PL302ST-1R12	Hi-Eff Red	GaAsP	626 nm			10.0	25.0
PL302ST-1R24	Red	GaP	650 nm			1.3	3.0
PL302ST-1Y01	Yellow	GaAsP	590 nm			9.0	20.0

3mm (T1) RIGHT ANGLE WITH DUAL PINS FOR STABILITY 11.4mm OR 6.4mm CENTER HEIGHT SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF= 20mA)		LUMINOUS INTENSITY PER SEGMENT (IF= 20mA)	
				Typical.	Max.	Min.	Typical.
PL303-1B20Z	Blue	InGaN	465 nm	3.2	4.0	45.0	100.0
PL303-1B01	Blue	GaN	466 nm	3.8	4.5	30.0	50.0
PL303-1G13	Green	GaP	572 nm	2.1	2.6	9.0	17.0
PL303-1R12	Hi-Eff Red	GaAsP	626 nm			10.0	25.0
PL303-1R24	Red	GaP	650 nm			1.3	3.0
PL303-1Y01	Yellow	GaAsP	590 nm			9.0	20.0
PL303A-1B20Z	Blue	InGaN	465 nm	3.2	4.0	45.0	100.0
PL303A-1B01	Blue	GaN	466 nm	3.8	4.5	30.0	50.0
PL303A-1G13	Green	GaP	572 nm	2.1	2.6	9.0	17.0
PL303A-1R12	Hi-Eff Red	GaAsP	626 nm			10.0	25.0
PL303A-1R24	Red	GaP	650 nm			1.3	3.0
PL303A-1Y01	Yellow	GaAsP	590 nm			9.0	20.0

**5mm (T1 3/4) RIGHT ANGLE
PCB INDICATOR LED_s
SPECIFICATIONS**

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF= 20mA)		LUMINOUS INTENSITY PER SEGMENT (IF= 20mA)	
				Typical.	Max.	Min.	Typical.
PL501-1G13	Green	GaP	572 nm	2.1	2.6	17.0	35.0
PL501-1R12	Hi-Eff Red	GaAsP	626 nm			19.0	39.0
PL501-1Y01	Yellow	GaAsP	590 nm			13.0	33.0

**5mm (T1 3/4) RIGHT ANGLE, LED PROTRUDES 4.4mm
PCB INDICATOR LED_s
SPECIFICATIONS**

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF= 20mA)		LUMINOUS INTENSITY PER SEGMENT (IF= 20mA)	
				Typical.	Max.	Min.	Typical.
PL505-1G13	Green	GaP	572 nm	2.1	2.6	17.0	35.0
PL505-1R12	Hi-Eff Red	GaAsP	626 nm	2.1	2.6	19.0	39.0
PL505-1R21	Deep Red	AlGaAs	643 nm	1.8	2.2	110.0	200.0
PL505-1Y01	Yellow	GaAsP	590 nm	2.1	2.6	13.0	33.0
PL505-1A02	Amber	GaAsP	605 nm	2.1	2.6	20.0	50.0

**5mm (T1 3/4) RIGHT ANGLE, LED PROTRUDES 3.3mm
PCB INDICATOR LED_s
SPECIFICATIONS**

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF= 20mA)		LUMINOUS INTENSITY PER SEGMENT (IF= 20mA)	
				Typical.	Max.	Min.	Typical.
PL506-1G13	Green	GaP	572 nm	2.1	2.6	11.0	25.0
PL506-1R12	Hi-Eff Red	GaAsP	626 nm			14.0	29.0
PL506-1R24	Deep Red	AlGaAs	643 nm	1.8	2.2	2.0	5.0
PL506-1Y01	Yellow	GaAsP	590 nm	2.1	2.6	10.0	24.0
PL506-1RG1213	Red	GaAsP	626 nm			--	15.0
	Green	GaP	572 nm			--	13.0

BI-LEVEL CBI LED_s

1.8mm RIGHT ANGLE, DUAL LED PCB INDICATOR LED_s SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF= 20mA)		LUMINOUS INTENSITY PER SEGMENT (IF= 20mA)	
				Typical.	Max.	Min.	Typical.
PL102-2G13	Green	GaP	572 nm	2.1	2.6	25.0	45.0
PL102-2R12	Hi-Eff Red	GaAsP	626 nm			29.0	52.0
PL102-2R24	Red	GaP	650 nm	2.1	3.0	4.0	8.0
PL102-2Y01	Yellow	GaAsP	590 nm	2.1	2.6	20.0	37.0
PL102-1Y1G01	Yellow	GaAsP	590 nm			20.0	37.0
	Green	GaP	572 nm			25.0	45.0

3mm (T1) RIGHT ANGLE, DUAL LED PCB INDICATOR LED_s SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF= 20mA)		LUMINOUS INTENSITY PER SEGMENT (IF= 20mA)	
				Typical.	Max.	Min.	Typical.
PL309-2G13	Green	GaP	572 nm	2.1	2.6	9.0	17.0
PL309-2R12	Hi-Eff Red	GaAsP	626 nm			10.0	20.0
PL309-2R24	Red	GaP	650 nm	2.1	3.0	1.3	3.0
PL309-2R21	Deep Red	AlGaAs	643 nm	1.8	2.2	60.0	100.0
PL309-2Y01	Yellow	GaAsP	590 nm	2.1	2.6	10.0	20.0
PL309-1Y1G0113	Yellow	GaAsP	590 nm			9.0	20.0
	Green	GaP	572 nm			9.0	17.0
PL309-1R1G1213	Hi-Eff Red	GaAsP	626 nm			10.0	20.0
	Green	GaP	572 nm			9.0	17.0
PL309-2GR1312 (BI-COLOR)	Green	GaP	572 nm			7.0	12.0
	Hi-Eff Red	GaAsP	626 nm			8.0	14.0
PL309-2GY1301 (BI-COLOR)	Green	GaP	572 nm			7.0	12.0
	Yellow	GaAsP	590 nm			4.0	9.0

3mm (T1) RIGHT ANGLE, DUAL LED PCB INDICATOR LED_s SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF= 20mA)		LUMINOUS INTENSITY PER SEGMENT (IF= 20mA)	
				Typical.	Max.	Min.	Typical.
PL308-2G13	Green	GaP	572 nm	2.1	2.6	9.0	17.0
PL308-2R12	Hi-Eff Red	GaAsP	626 nm	2.1	2.6	10.0	20.0
PL308-2Y01	Yellow	GaAsP	590 nm	2.1	2.6	9.0	20.0
PL308-1R1G1213	Hi-Eff Red	GaAsP	626 nm	2.1	2.6	10.0	20.0
	Green	GaP	572 nm	2.1	2.6	9.0	17.0
PL308-2GY1301 (BI-COLOR)	Green	GaP	572 nm	2.1	2.6	6.0	11.0
	Yellow	GaAsP	590 nm	2.1	2.6	8.0	14.0

3mm (T1) RIGHT ANGLE, THREE LEADS PCB INDICATOR LED_s SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF= 20mA)		LUMINOUS INTENSITY PER SEGMENT (IF= 20mA)	
				Typical.	Max.	Min.	Typical.
PL315-2RG1213 (BI-COLOR)	Hi-Eff Red	GaAsP	626 nm	2.1	2.6	12.0	23.0
	Green	GaP	572 nm	2.1	2.6	11.0	20.0
PL315-2GY0113 (BI-COLOR)	Green	GaP	572 nm	2.1	2.6	11.0	20.0
	Yellow	GaAsP	590 nm	2.1	2.6	10.0	20.0

5mm (T1 3/4) RIGHT ANGLE, DUAL LED PCB INDICATOR LED SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF= 20mA)		LUMINOUS INTENSITY PER SEGMENT (IF= 20mA)	
				Typical.	Max.	Min.	Typical.
PL515-2G13	Green	GaP	572 nm	2.1	2.6	17.0	35.0
PL515-2R12	Hi-Eff Red	GaAsP	626 nm	2.1	2.6	19.0	39.0
PL515-2Y01	Yellow	GaAsP	590 nm	2.1	2.6	13.0	33.0
PL515-1R1G1213	Hi-Eff Red	GaAsP	626 nm	2.1	2.6	19.0	39.0
	Green	GaP	572 nm	2.1	2.6	17.0	25.0

TRI-LEVEL CBI LED_s

1.8mm RIGHT ANGLE, TRI-LEVEL PCBD INDICATOR LED SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF= 20mA)		LUMINOUS INTENSITY PER SEGMENT (IF= 20mA)	
				Typical.	Max.	Min.	Typical.
PL103-3G13	Green	GaP	572 nm	2.1	2.6	25.0	45.0
PL103-3R12	Hi-Eff Red	GaAsP	626 nm	2.1	2.6	29.0	52.0
PL103-3R24	Red	GaP	650 nm	2.1	3.0	4.0	8.0
PL103-3Y01	Yellow	GaAsP	590 nm	2.1	2.6	20.0	37.0
PL103-1R1Y1G240113	Red	GaP	650 nm	2.1	3.0	4.0	8.0
	Yellow	GaAsP	590 nm	2.1	2.6	20.0	37.0
	Green	GaP	572 nm	2.1	2.6	25.0	45.0

3mm (T1) RIGHT ANGLE, TRI-LEVEL PCB INDICATOR LED SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF= 20mA)		LUMINOUS INTENSITY PER SEGMENT (IF= 20mA)	
				Typical.	Max.	Min.	Typical.
PL311-3G13	Green	GaP	572 nm	2.1	2.6	9.0	17.0
PL311-3R12	Hi-Eff Red	GaAsP	626 nm			10.0	20.0
PL311-3Y01	Yellow	GaAsP	590 nm			9.0	20.0
PL311-1R1Y1G120113	Hi-Eff Red	GaP	626 nm			10.0	20.0
	Yellow	GaAsP	590 nm			9.0	20.0
	Green	GaP	572 nm			9.0	17.0

3mm (T1) RIGHT ANGLE, TRI-LEVEL; NARROW FOOTPRINT PCB INDICATOR LED SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF= 20mA)		LUMINOUS INTENSITY PER SEGMENT (IF= 20mA)	
				Typical.	Max.	Min.	Typical.
PL317-3G13	Green	GaP	572 nm	2.1	2.6	9.0	17.0
PL317-3R12	Hi-Eff Red	GaAsP	626 nm			10.0	20.0
PL317-3Y01	Yellow	GaAsP	590 nm			9.0	20.0
PL317-1R1Y1G120113	Hi-Eff Red	GaP	626 nm			10.0	20.0
	Yellow	GaAsP	590 nm			9.0	20.0
	Green	GaP	572 nm			9.0	17.0

QUAD-LEVEL CBI LED_s

1.8mm RIGHT ANGLE, QUAD-LEVEL PCB INDICATOR LED SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF= 20mA)		LUMINOUS INTENSITY PER SEGMENT (IF= 20mA)	
				Typical.	Max.	Min.	Typical.
PL104-4G13	Green	GaP	572 nm	2.1	2.6	25.0	45.0
PL104-4R12	Hi-Eff Red	GaAsP	626 nm			29.0	52.0
PL104-4R24	Red	GaP	650 nm			4.0	8.0
PL104-4Y01	Yellow	GaAsP	590 nm			20.0	37.0

3mm (T1) RIGHT ANGLE, QUAD-LEVEL PCB INDICATOR LED SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF= 20mA)		LUMINOUS INTENSITY PER SEGMENT (IF= 20mA)	
				Typical.	Max.	Min.	Typical.
PL314-4G13	Green	GaP	572 nm	2.1	2.6	9.0	17.0
PL314-4R12	Hi-Eff Red	GaAsP	626 nm			10.0	20.0
PL314-4Y01	Yellow	GaAsP	590 nm			9.0	20.0

3mm RIGHT ANGLE, QUAD-LEVEL WITH EMBEDDED LED_s PCB INDICATOR LED SPECIFICATIONS

PART NUMBER	EMITTED COLOR	CHIP MATERIAL	DOMINANT WAVELENGTH	FORWARD VOLTAGE PER SEGMENT (IF= 20mA)		LUMINOUS INTENSITY PER SEGMENT (IF= 20mA)	
				Typical.	Max.	Min.	Typical.
PL314A-4G13	Green	GaP	572 nm	2.1	2.6	9.0	17.0
PL314A-4R12	Hi-Eff Red	GaAsP	626 nm			10.0	20.0
PL314A-4Y01	Yellow	GaAsP	590 nm			9.0	20.0

PANEL MOUNT LEDs

3mm (T1) SNAP-IN 10mm PLASTIC HOLDER PANEL MOUNT INDICATOR LED SPECIFICATIONS

PART NUMBER		EMITTED COLOR	CHIP MATERIAL	LENS TYPE	WAVELENGTH (NM)		LUMINOUS INTENSITY @ 20 MA (MCD)		VIEWING ANGLE
STANDARD TERMINALS	6" LEAD WIRES				PEAK	DOMINANT	MIN.	TYPICAL	
PL318-1R24	PL318-1R24-2	Red	GaP	Color Diffused	700	650	1.5	3.0	54 °
PL318-1R12	PL318-1R12-2	Orange-Red	GaAsP		635	626	13.0	27.0	
PL318-1R21	PL318-1R21-2	Deep Red	AlGaAs		660	643	50.0	90.0	
PL318-1G13	PL318-1G13-2	Green	GaP		567	572	11.0	25.0	
PL318-1Y01	PL318-1Y01-2	Yellow	GaAsP		585	590	10.0	23.0	

3mm (T1) SNAP-IN 14mm PLASTIC HOLDER PANEL MOUNT INDICATOR LED SPECIFICATIONS

PART NUMBER		EMITTED COLOR	CHIP MATERIAL	LENS TYPE	WAVELENGTH (NM)		LUMINOUS INTENSITY @ 20 MA (MCD)		VIEWING ANGLE
Standard Terminals	6" Lead Wires Attached				PEAK	DOMINANT	MIN.	TYPICAL	
PL31814-1R24	PL31814-1R24-2	Red	GaP	Color Diffused	700	650	1.5	3.0	54 °
PL31814-1R12	PL31814-1R12-2	Orange-Red	GaAsP		635	626	13.0	27.0	
PL31814-1R21	PL31814-1R21-2	Deep Red	AlGaAs		660	643	50.0	90.0	
PL31814-1G13	PL31814-1G13-2	Green	GaP		567	572	11.0	25.0	
PL31814-1Y01	PL31814-1Y01-2	Yellow	GaAsP		585	590	10.0	23.0	

3mm (T1) BOLT-IN INNER REFLECTOR BLACK OR CHROME METAL HOLDER PANEL MOUNT INDICATOR LED SPECIFICATIONS

PART NUMBER		EMITTED COLOR	CHIP MATERIAL	LENS TYPE	WAVELENGTH (NM)		LUMINOUS INTENSITY @ 20mA (mcd)		VIEWING ANGLE
STANDARD TERMINALS	6" LEAD WIRES				PEAK	DOMINANT	MIN.	TYPICAL	
PL320-1R24	PL320-1R24-2	Red	GaP	Color Diffused	700	650	1.5	3.0	34 °
PL320-1R12	PL320-1R12-2	Orange-Red	GaAsP		635	626	15.0	40.0	
PL320-1G13	PL320-1G13-2	Green	GaP		567	572	18.0	40.0	
PL320-1Y01	PL320-1Y01-2	Yellow	GaAsP		585	590	15.0	35.0	

3mm (T1) BOLT-IN OUTER REFLECTOR PANEL MOUNT INDICATOR LED SPECIFICATIONS

PART NUMBER		EMITTED COLOR	CHIP MATERIAL	LENS TYPE	WAVELENGTH (NM)		LUMINOUS INTENSITY @ 20mA (mcd)		VIEWING ANGLE
STANDARD TERMINALS	6" LEAD WIRES				PEAK	DOMINANT	MIN.	TYPICAL	
PL321-1R24	PL321-1R24-2	Red	GaP	Color Diffused	700	650	1.5	3.0	34 °
PL321-1R12	PL321-1R12-2	Orange-Red	GaAsP		635	626	15.0	40.0	
PL321-1G13	PL321-1G13-2	Green	GaP		567	572	18.0	40.0	
PL321-1Y01	PL321-1Y01-2	Yellow	GaAsP		585	590	15.0	35.0	

5mm (T1 3/4) SNAP-IN PANEL MOUNT INDICATOR WITH 2.8mm LED PROTRUSION SPECIFICATIONS

PART NUMBER		EMITTED COLOR	CHIP MATERIAL	LENS TYPE	WAVELENGTH (NM)		LUMINOUS INTENSITY @ 20mA (mcd)		VIEWING ANGLE
STANDARD TERMINALS	6" LEAD WIRES				PEAK	DOMINANT	MIN.	TYPICAL	
PL519-1R12	PL519-1R12-2	Orange-Red	GaAsP	Color Diffused	635	626	14.0	29.0	38°
PL519-1R24	PL519-1R24-2	Red	GaP		700	650	2.0	3.5	
PL519-1G13	PL519-1G13-2	Green	GaP		567	572	11.0	25.0	
PL519-1Y01	PL519-1Y01-2	Yellow	GaAsP		585	590	10.0	24.0	

5mm (T1 3/4) SNAP-IN PANEL MOUNT INDICATOR WITH 3.9mm LED PROTRUSION SPECIFICATIONS

PART NUMBER		EMITTED COLOR	CHIP MATERIAL	LENS TYPE	WAVELENGTH (NM)		LUMINOUS INTENSITY @ 20mA (mcd)		VIEW-ING ANGLE
STANDARD TERMINALS	6" LEAD WIRES				PEAK	DOMINANT	MIN.	TYPICAL	
PL520-1R12	PL520-1R12-2	Orange-Red	GaAsP	Color Diffused	635	626	19.0	39.0	30°
PL520-1R21	PL520-1R21-2	Deep Red	AlGaAs		660	643	110.0	200.0	
PL520-1G13	PL520-1G13-2	Green	GaP		567	572	17.0	35.0	
PL520-1Y01	PL520-1Y01-2	Yellow	GaAsP		585	590	13.0	33.0	

5mm (T1 3/4) SNAP-IN PANEL MOUNT INDICATOR BI-COLOR 3 LEADED LED SPECIFICATIONS

PART NUMBER		EMITTED COLOR	CHIP MATERIAL	LENS TYPE	WAVELENGTH (NM)		LUMINOUS INTENSITY @ 20 MA (MCD)		VIEWING ANGLE
STANDARD TERMINALS	6" LEAD WIRES				PEAK	DOMINANT	MIN.	TYPICAL	
PL519M-1RG1213	PL519M-1RG1213-2	Orange-Red	GaAsP	Color Diffused	635	626	14.0	35.0	70°
		Green	GaP		567	572	14.0	34.0	
PL519M-1RG2115	PL519M-1RG2115-2	Deep Red	AlGaAs		660	643	50.0	90.0	
		Green	GaP		567	572	30.0	50.0	

5mm (T1 3/4) BOLT-IN INNER REFLECTOR PANEL MOUNT INDICATOR LED SPECIFICATIONS

PART NUMBER		EMITTED COLOR	CHIP MATERIAL	LENS TYPE	WAVELENGTH (nm)		LUMINOUS INTENSITY @ 20mA (mcd)		VIEWING ANGLE
STANDARD TERMINALS	6" LEAD WIRES				PEAK	DOMINANT	MIN.	TYPICAL	
PL523-1R12	PL523-1R12-2	Orange-Red	GaAsP	Color Diffused	635	626	20.0	35.0	35°
PL523-1G13	PL523-1G13-2	Green	GaP		567	572	17.0	30.0	
PL523-1Y01	PL523-1Y01-2	Yellow	GaAsP		585	590	14.0	27.0	

5mm (T1 3/4) BOLT-IN OUTER REFLECTOR PANEL MOUNT INDICATOR LED SPECIFICATIONS

PART NUMBER		EMITTED COLOR	CHIP MATERIAL	LENS TYPE	WAVELENGTH (nm)		LUMINOUS INTENSITY @ 20mA (mcd)		VIEWING ANGLE
STANDARD TERMINALS	6" LEAD WIRES				PEAK	DOMINANT	MIN.	TYPICAL	
PL524-1R12	PL524-1R12-2	Orange-Red	GaAsP	Color Diffused	635	626	20.0	35.0	35°
PL524-1G13	PL524-1G13-2	Green	GaP		567	572	17.0	30.0	
PL524-1Y01	PL524-1Y01-2	Yellow	GaAsP		585	590	14.0	27.0	

LIQUID CRYSTAL DISPLAYS



CHARACTER LCD MODULES

8 x 1 TO 40 x 4 CHARACTER LCD SPECIFICATIONS						
SERIES NUMBER	CHAR. x LINES	MODULE SIZE (mm)	VIEWABLE AREA (mm)	CHARACTER SIZE (mm)	CONTROLLER	BACKLIGHT
PC0801B-O	8 x 1	84 x 44 x 13/10	61 x 15.8	6.45 x 10.75	S6A0069 or equivalent	LED/None
PC0801C-O		80 x 36 x 13/10	61 x 15.8	6.45 x 10.75		
PC0802A-O	8 x 2	58 x 32 x 14/10	38.0W x 16.0H	2.96 x 5.56		
PC0802B-O		40 x 35.4 x 14/8	30.4 x 13.9	2.95 x 4.75		
PC0802C-O		84 x 44 x 14/10	63 x 25	6.07 x 11.44		
PC0802E-O		58 x 32 x 14/10	38 x 16	2.96 x 5.56		
PC1601B-O	16 X 1	122 x 33 x 14/10	99 x 13	4.84 x 8.06		
PC1601E-O		80 x 36 x 14/10	64.5 x 13.8	3.07 x 6.56		
PC1602C-O	16 x 2	80 x 36 x 14/10	64.5 x 15.5	2.95 x 5.55		
PC1602D-O		69 x 21.5 x 8	51 x 14.8	2.56 x 4.9		
PC1602E-O		84 x 44 x 14/10	64.5 x 15.5	2.95 x 5.55		
PC1602F-O		100 x 38.8 x 14/10	80.2 x 20.4	4.07 x 7.76		
PC1602G-O		80 x 36 x 14/10	64.5 x 15.5	2.95 x 5.55		
PC1602H-O		122 x 44 x 14.5/9.5	99 x 24	4.8 x 9.6		
PC1602K-O		85 x 30 x 14/10	64.5 x 15.5	2.95 x 5.55		
PC1602O-O		85 x 36 x 14/10	64.5 x 15.5	2.95 x 5.55		
PC1602P-O		72 x 36 x 14/10	64.5 x 15.5	2.95 x 5.55		
PC1604B-O	16 x 4	87 x 60 x 14/9	61.8 x 25.2	2.95 x 4.75		
PC2002A-O	20 x 2	180 x 40 x 14/10	149 x 23	5.92 x 9.52		
PC2002B-O		146 x 43 x 14/10	123 x 23	4.84 x 9.22		
PC2002D-O		116 x 37 x 14.5/10.5	83 x 18.6	3.2 x 5.55		
PC2004D-O	20 x 4	98 x 60 x 15/10	76 x 25.2	2.95 x 4.75		
PC2004E-O		77 x 47 x 14/10	60 x 22	2.3 x 4.03		
PC2004F-O		146 x 62.5 x 13/10	123.5 x 43	4.84 x 9.22		
PC2402A-O	24 x 2	208 x 40 x 14/10	178 x 23	6.0 x 9.63		
PC2402B-O		118 x 36 x 14/10	93.5 x 16	3.2 x 5.55		
PC4002A-O	40 x 2	182 x 33.5 x 14/10	154.5 x 17	3.22 x 5.55		
PC4004A-O	40 x 4	190 x 54 x 14/10	148 x 30.3	2.78 x 4.89		
PC4004D-O		280 x 88 x 17.9	244 x 68	5.2 x 14.51		
PC4004G-O		288.3 x 77.5 x 14	253.8 x 56.6	5.0 x 8.476		

GRAPHIC LCD MODULES

GRAPHIC LCDS FROM 160 x 32 TO 320 x 240 RESOLUTION SPECIFICATIONS							
PART NUMBER	SIZE	DOTS WXH (MM)	MODULE SIZE	VIEW AREA WXH (MM)	DOT SIZE	BACKLIGHT WXH (MM)	CONTROLLER
PG16032A-O	2.1"	160X32	84.0X44.0X14.0	60.5X18.5	0.30X0.35	None/LED	ST7920, Chinese Fonts
PG16064A-O	2.5"	160X64	89.0X35.6X17.0	62.4X25.6	0.34X0.34	None/LED	S6B0086 or equivalent
PG160160P1G-O	3.1"	160X160	75.8X89.2X8.5	62.3X62.3	0.335X0.335	None/LED	UC1698u
PG160160QG-O	3.0"	160X160	83.8X76.5X9.6	60.0X60.0	0.32X0.32	None/LED	UC1698u
PG19248A-O	3.8"	192X48	122.4X52.7X14.1/9.0	99.0X24.0	0.44X0.41	None/LED	S6B0107, S6B0108
PG19264A-O	3.3"	192X64	100.0X60.0X14.6/12.0	84.0X31.0	0.36X0.36	None/LED	S6B0107, S6B0108
PG19264B-O	4.0"	192X64	130.0X65.0X12.8/8.8	51.0X14.8	0.458X0.458	None/LED	S6B0107, S6B0108
PG19264C-O	4.0"	192X64	120.0X62.0X12.8/8.8	104.0X39.0	0.458X0.458	None/LED	S6B0107, S6B0108
PG20232A-O	4.8"	202X32	150.0X45.8X12.0	123.0X24.0	0.55X0.62	None/LED	T6963C
PG24064B-O	5.2"	240X64	180.0X65.0X16.0/11.0	132.2X39.2	0.49X0.49	None/EL	T6963C
PG24064PG-O	4.3"	240X64	134.6X55.1X5.8	111.0X37.0	0.41X0.47	None/LED	UC1698u
PG240128A-O	4.8"	240X128	144.0X104.0X15.0/13.0	114.0X64.0	0.40X0.40	None/LED	T6963C
PG240128B-O	4.8"	240X128	144.0X104.0X15.0/13.0	114.0X64.0	0.40X0.40	None/LED	T6963C
PG240128C-O	4.1"	240X128	114.0X82.0X15.0	94.5X54.5	0.35X0.35	None/LED/CCFL	S6B0107, S6B0108
PG240128D-O	4.8"	240X128	144.0X104.0X15.0/13.0	114.0X64.0	0.40X0.40	None/LED	T6963C
PG240128PG-O	4.0"	240X128	101.3X76.3X4.5	92.0X60.5	0.37X0.33	None/LED	UC1698u
PG240160PG-O	2.5"	240X160	60.5X51.7X5.0	56.0X38.7	0.196X0.196	None/LED	UC1698u
PG240128QG-O	3.9"	240X160	105.5X67.2X4.2	99.0X57.5	0.33X0.30	None/LED	UC1698u
PG320240F-O	4.7"	320X240	139.0X106.1X14.5	103.0X79.0	0.30X0.30	None/LED/CCFL	None, Touch Panel

TFT LCD MODULES

3.5" TFT LCD SPECIFICATIONS

PART NUMBER	OUTLINE DIMENSIONS (WXHXT IN MM)	INTERFACE	RESOLUTION	TOUCH PANEL	BRIGHTNESS (NITS)
PGG322419-6UFLWA	76.9x63.9x3.3	24 Bit RGB	320x240	--	350
PGG322423-6UFLWA	76.9x63.9x4.4	24 Bit RGB	320x240	RTP	285
PGG322423-6UFLWB	76.9x63.9x3.3	24 Bit RGB	320x240	--	350
PGG322424-6UFLWA	76.9x63.9x3.3	CCIR656	320x240	--	270
PGG322425-6UFLWA	76.9x63.9x3.3	24 Bit RGB	320x240	--	800
PGG322425-6UFLWB	76.9x63.9x3.3	24 Bit RGB	320x240	--	800
PGG322425-6UFLWC	76.9x63.9x3.3	24 Bit RGB	320x240	--	800
PGG322425-6UFLWD	76.9x63.9x3.3	24 Bit RGB	320x240	--	800
PGG322425-6UFLWE	76.9x63.9x3.3	24 Bit RGB	320x240	--	570
PGG322427-6UFLWA	76.9x63.9x4.4	24 Bit RGB	320x240	RTP	640
PGG322427-6UFLWB	76.9x63.9x3.3	24 Bit RGB	320x240	--	800
PGG322427-6UFLWC	76.9x63.9x4.4	24 Bit RGB	320x240	--	460
PGG322430-6UFLWB	76.9x63.9x4.4	Parallel RGB/Serial RGB/ CCIR601/656	320x240	RTP	285
PGG322430-6UFLWC	76.9x63.9x4.85	Parallel RGB/Serial RGB/ CCIR601/656	320x240	IPCT	300
PGG322431-6UFLWA	76.9x63.9x3.26	Parallel RGB/Serial RGB/ CCIR601/656	320x240	--	300
PGG322432-6UFLWB	76.9x63.9x4.4	Parallel RGB/Serial RGB/ CCIR601/656	320x240	RTP	350
PGG322433-6UFLWA	76.9x63.9x4.9	24 Bit RGB	320x240	IPCT	700
PGG322435-6UFLWA	76.84x63.84x4.85	Parallel RGB/Serial RGB	320x240	IPCT	250
PGG322435-6UFLWB	76.84x63.84x4.85	Parallel RGB/Serial RGB	320x240	IPCT	250

4.3" TFT LCD SPECIFICATIONS

PART NUMBER	OUTLINE DIMENSIONS (WXHXT IN MM)	INTERFACE	RESOLUTION	TOUCH PANEL	BRIGHTNESS (NITS)
PGG482709-6UFLWA	105.5x67.2x3.1	24 Bit RGB	480x272	--	650
PGG482709-6UFLWB	105.5x67.2x4.2	24 Bit RGB	480x272	RTP	500
PGG482709-6UFLWC	105.5x67.2x3.1	24 Bit RGB	480x272	Tempered RTP	600
PGG482709-6UFLWD	105.5x67.2x3.1	24 Bit RGB	480x272	--	650
PGG482709-6UFLWE	105.5x67.2x3.1	24 Bit RGB	480x272	--	700
PGG482709-6UFLWF	105.5x67.2x4.2	24 Bit RGB	480x272	RTP	500
PGG482709-6UFLWG	105.5x67.2x3.1	24 Bit RGB	480x272	--	650
PGG482709-6UFLWH	105.5x67.2x3.1	24 Bit RGB	480x272	--	650
PGG482709-6UFLWI	105.5x67.2x3.1	24 Bit RGB	480x272	--	530
PGG482710-6UFLWA	105.5x67.2x3.95	24 Bit RGB	480x272	--	500
PGG482710-6UFLWB	105.5x67.2x5.2	24 Bit RGB	480x272	RTP	400
PGG482710-6UFLWC	105.5x67.2x3.95	24 Bit RGB	480x272	--	500
PGG482710-6UFLWE	105.5x67.2x5.2	24 Bit RGB	480x272	RTP	400
PGG482711-6UFLWA	115.1x73.9x4.825	24 Bit RGB	480x272	PCT (Single Touch)	600
PGG482711-6UFLWB	105.5x67.2x4.2	24 Bit RGB	480x272	PCT (Multi-Touch)	600
PGG482711-6UFLWC	115.67x78.61x4.8	24 Bit RGB	480x272	PCT (Multi-Touch)	600
PGG482711-6UFLWD	105.5x67.2x4.7	24 Bit RGB	480x272	IPCT	550
PGG482711-6UFLWE	105.5x67.2x9.6	8 Bit MCU	480x272	IPCT	560
PGG482712-6UFLWA	105.5x67.2x2.9	24 Bit RGB	480x272	--	500
PGG482712-6UFLWB	105.5x67.2x4	24 Bit RGB	480x272	RTP	390
PGG482713-6UFLWA	105.5x27.2x9.1	8 Bit MCU	480x272	--	650
PGG482713-6UFLWB	105.5x27.2x8	8 Bit MCU	480x272	RTP	500
PGG482714-0TMLWA	105.5x67.2x3.1	24 Bit RGB	480x272	--	700
PGG482714-0TMLWC	115.1x73.9x4.8	24 Bit RGB	480x272	PCT (Multi-Touch)	610

5" TFT LCD SPECIFICATIONS

PART NUMBER	OUTLINE DIMENSIONS (WXHXT IN MM)	INTERFACE	RESOLUTION	TOUCH PANEL	BRIGHTNESS (NITS)
PGG804807-6UFLWA	118.5x77.55x3.4	24 Bit RGB	800X480	--	310
PGG804807-6UFLWB	118.5x77.55x4.5	24 Bit RGB	800X480	RTP	250
PGG804807-6UFLWC	118.5x77.55x5	24 Bit RGB	800X480	IPCT	400
PGG804810-6UFLWA	120.7x76.3x3.1	24 Bit RGB	800X480	--	350

5.6" & 5.7" TFT LCD SPECIFICATIONS

PART NUMBER	OUTLINE DIMENSIONS (WXHXT IN MM)	INTERFACE	RESOLUTION	TOUCH PANEL	BRIGHTNESS (NITS)
PGG644807-6UFLWA	126.5x100x5.7	24 Bit RGB	640X480	--	350
PGG322403-7UFLWE	144x104.6x13	24 Bit RGB	320X240	--	380
PGG322403-7UFLWF	144x104.6x14.5	24 Bit RGB	320X240	RTP	360
PGG322403-7UFLWK	144x104.6x14.5	24 Bit RGB	320X240	RTP	360
PGG322403-7UFLWL	144x104.6x14.5	18 Bit RGB	320X240	RTP	360
PGG322403-7UFLWM	144x104.6x14.5	18 Bit RGB	320X240	RTP	360
PGG322404-7UFLWA	167x109x8.9	18 Bit RGB	320X240	--	350
PGG322404-7UFLWB	167x109x10.4	18 Bit RGB	320X240	RTP	270
PGG322426-7UFLWA	144x104.6x13	18 Bit RGB	320X240	--	700
PGG322426-7UFLWB	144x104.6x14.5	18 Bit RGB	320X240	RTP	560
PGG322426-7UFLWC	144x104.6x13	18 Bit RGB	320X240	--	700
PGG322426-7UFLWD	144x104.6x13	18 Bit RGB	320X240	--	700
PGG322426-7UFLWE	144x104.6x14.5	18 Bit RGB	320X240	--	545
PGG322426-7UFLWF	144x104.6x13	18 Bit RGB	320X240	--	1200
PGG322426-7UFLWG	144x104.6x14.5	18 Bit RGB	320X240	RTP	925
PGG322434-7UFLWA	144x104.6x14.55	18 Bit RGB	320X240	IPCT	325
PGG644803-6UFLWA	144x104.6x13	18 Bit RGB	640X480	--	380
PGG644803-6UFLWB	144x104.6x14.5	18 Bit RGB	640X480	RTP	290
PGG644803-6UFLWC	144x104.6x13	18 Bit RGB	640X480	--	380
PGG644803-6UFLWD	144x104.6x14.5	18 Bit RGB	640X480	RTP	290
PGG644803-6UFLWE	144x104.6x13	18 Bit RGB	640X480	--	450
PGG644803-6UFLWF	144x104.6x14.5	18 Bit RGB	640X480	RTP	370
PGG644803-6UFLWJ	144x104.6x14.5	18 Bit RGB	640X480	RTP	370
PGG644803-6UFLWK	144x104.6x14.5	18 Bit RGB	640X480	RTP	290
PGG644803-6UFLWL	144x104.6x14.5	18 Bit RGB	640X480	RTP	300
PGG644804-6UFLWA	144x104.6x13	LVDS	640X480	--	700
PGG644804-6UFLWB	144x104.6x14.5	LVDS	640X480	RTP	560
PGG644804-6UFLWD	144x104.6x13	18 Bit RGB	640X480	--	700
PGG644804-6UFLWE	144x104.6x14.5	LVDS	640X480	RTP	560
PGG644804-6UFLWF	144x104.6x13	18 Bit RGB	640X480	--	900
PGG644804-6UFLWG	144x104.6x14.5	18 Bit RGB	640X480	RTP	700
PGG644804-6UFLWH	144x104.6x14.5	18 Bit RGB	640X480	RTP (5-Wire)	720

6.5" TFT LCD SPECIFICATIONS

PART NUMBER	OUTLINE DIMENSIONS (WXHXT IN MM)	INTERFACE	RESOLUTION	TOUCH PANEL	BRIGHTNESS (NITS)
PGG804811-6UFLWA	155.2x89.4x5.5	24 Bit RGB	800X480	--	400

7" TFT LCD SPECIFICATIONS

PART NUMBER	OUTLINE DIMENSIONS (WXHXT IN MM)	INTERFACE	RESOLUTION	TOUCH PANEL	BRIGHTNESS (NITS)
PGG804806-6UFLWA	166.6x109.4x10	18 Bit RGB	800X480	--	500
PGG804806-6UFLWB	166.6x109.4x11.5	18 Bit RGB	800X480	RTP	400
PGG804806-6UFLWC	166.6x109.4x10	LVDS	800X480	--	500
PGG804806-6UFLWD	166.6x109.4x11.5	LVDS	800X480	RTP	400
PGG804806-6UFLWE	166.6x109.4x11.5	18 Bit RGB	800X480	Tempered RTP	400
PGG804806-6UFLWF	166.6x109.4x10	18 Bit RGB	800X480	--	500
PGG804806-6UFLWG	166.6x109.4x10	18 Bit RGB	800X480	--	1000
PGG804806-6UFLWH	166.6x109.4x11.5	18 Bit RGB	800X480	RTP	800
PGG804806-6UFLWI	166.6x109.4x10	LVDS	800X480	--	1000
PGG804806-6UFLWJ	166.6x109.4x10	18 Bit RGB	800X480	--	380
PGG804808-6UFLWB	174.4x113.44x11.8	LVDS	800X480	PCT (2-Point Touch)	450
PGG804808-6UFLWC	174.4x113.44x11.8	LVDS	800X480	PCT (2-Point Touch, USB I/F)	450
PGG804808-6UFLWD	174.4x113.44x11.8	18 Bit RGB	800X480	PCT (2-Point Touch)	450
PGG804808-6UFLWE	174.4x113.44x11.8	18 Bit RGB	800X480	PCT (2-Point Touch)	900
PGG804808-6UFLWF	174.4x113.44x11.43	18 Bit RGB	800X480	PCT	900
PGG804808-6UFLWG	166.6x109.4x11.15	LVDS	800X480	IPCT	425
PGG804808-6UFLWH	166.6x109.4x11.15	18 Bit RGB	800X480	IPCT (USB I/F)	850
PGG804808-6UFLWI	166.6x109.4x11.15	18 Bit RGB	800X480	IPCT	425
PGG804808-6UFLWJ	166.6x109.4x11.15	18 Bit RGB	800X480	IPCT	850
PGG804808-6UFLWK	166.6x109.4x11.15	18 Bit RGB	800X480	IPCT (USB I/F)	425
PGG804814-6UFLWA	166.6x109.4x11.15	LVDS	800X480	--	250
PGG128002-5TSLWA	164.9x100x5.7	24 Bit RGB	1280X800	--	400

8" TFT LCD SPECIFICATIONS

PART NUMBER	OUTLINE DIMENSIONS (WXHXT IN MM)	INTERFACE	RESOLUTION	TOUCH PANEL	BRIGHTNESS (NITS)
PGG804812-6UFLWA	192.8x226.9x6.4	24 Bit RGB	800X480	--	450
PGG804812-6UFLWB	192.8x226.9x7.9	24 Bit RGB	800X480	RTP	350
PGG804812-6UFLWC	192.8x226.9x7.95	24 Bit RGB	800X480	IPCT(USB I/F)	380
PGG806003-6UFLWC	183x141x6.3	24 Bit RGB	800X480	--	250
PGG806003-6UFLWD	183x141x7.8	24 Bit RGB	800X480	RTP	190
PGG806003-6UFLWE	183x141x7.15	24 Bit RGB	800X480	IPCT(USB I/F)	210

9" TFT LCD SPECIFICATIONS

PART NUMBER	OUTLINE DIMENSIONS (WXHXT IN MM)	INTERFACE	RESOLUTION	TOUCH PANEL	BRIGHTNESS (NITS)
PGG804809-6UFLWA	211.1x126.5x5.9	24 Bit RGB	800X600	--	250
PGG804809-6UFLWB	211.1x126.5x7.4	24 Bit RGB	800X600	RTP	200
PGG804809-6UFLWC	211.1x126.5x7.45	24 Bit RGB	800X600	IPCT	220

10.1" TFT LCD SPECIFICATIONS

PART NUMBER	OUTLINE DIMENSIONS (WXHXT IN MM)	INTERFACE	RESOLUTION	TOUCH PANEL	BRIGHTNESS (NITS)
PGG128001-7UFLWA	229.46x149.1x7.4	LVDS	1280X800	IPCT	255

10.2" TFT LCD SPECIFICATIONS

PART NUMBER	OUTLINE DIMENSIONS (WXHXT IN MM)	INTERFACE	RESOLUTION	TOUCH PANEL	BRIGHTNESS (NITS)
PGG804813-6UFLWA	211.1x126.5x5.9	18 Bit RGB	800X480	--	350
PGG804813-6UFLWB	211.1x126.5x7.4	18 Bit RGB	800X480	RTP	270
PGG804813-6UFLWC	211.1x126.5x7.45	18 Bit RGB	800X480	IPCT	300
PGG106001-6UFLWA	235x145.8x5.3	LVDS	1024X600	--	400

LCD GLASS PANELS

STANDARD LCD GLASS PANELS SPECIFICATIONS

PART NUMBER	NUMBER OF DIGITS	DIGIT HEIGHT	DUTY	VIEW AREA	GLASS SIZE	REMARKS
PC103A-O	1	101.6mm	Static	109.33X76.2mm	122.56X81.28mm	--
PC202-O	2	12.7mm	1/2	15.86X18.18mm	22.86X26.34mm	--
PC204-O	2	4.00mm	Static	6.00 x 5.50mm	8.00 x 10.0mm	--
PC251-O	2 1/2	12.17mm	Static	26.00 x 17.17mm	30.00 x 26.17mm	--
PC301-O	3	12.20mm	1/3	30.40 x 15.80mm	33.10 x 20.40mm	--
PC302-O	3	7.87mm	Static	27.90 x 10.00mm	30.7 x 16.2mm	--
PC358-O	3 1/2	12.70mm	Static	45.8 x 17.86mm	50.8 x 30.48mm	LOBAT, plus/minus
PC3515-O	3 1/2	24.90mm	Static	86.23 x 30.35mm	93.85 x 45.72mm	Arrow, plus/minus
PC3516-O	3 1/2	17.63mm	Static	63.00 x 24.00mm	69.85 x 38.1mm	Arrow, plus/minus
PC371-O	3 3/4	6.00mm	1/2	18.10 x 7.30mm	20.10 x 10.10mm	--
PC372-O	3 3/4	7.00mm	1/2	21.7 x 7.30mm	23.70 x 11.5mm	--
PC391-O	3 1/2	8.30mm	1/2	28.00 x 14.00mm	30.70 x 18.10mm	25 Dots/Digit
PC409-O	4	12.70mm	Static	45.8 x 17.86mm	50.8 x 30.45	--
PC454-O	4 1/2	10.20mm	Static	47.5 x 17.70mm	50.8 x 30.5mm	LOBAT, Plus/Minus
PC491-O	4	7.62mm	1/3	31.56 x 12.51mm	35.56 x 22.86mm	14 Segments/Digit
PC502-O	5	10.2mm	Static	47.8 x 20.0mm	50.8 x 30.48mm	--
PC609T-O	6	12.7mm	Static	63.50 x 16.51mm	69.85 x 30.48mm	--
PC6010-O	6	8.00mm	1/4	27.60 x 11.60mm	30.00 x 17.30mm	--
PC893-O	8	8.95mm	1/4	64.0 x 12.5mm	70.0 x 25.0mm	14 Segments/Digit
PC894-O	8	11.00mm	1/4	87.63 x 19.05mm	93.98 x 30.49mm	14 Segments/Digit
PC2491-O	24	5.03mm	1/12	58.80 x 13.30mm	61.8 x 18.8mm	14 Segments/Digit

LCD GLASS PANELS WITH COLOR POLARIZERS SPECIFICATIONS

PART NUMBER	NUMBER OF DIGITS	LCD MODE	DUTY	VIEW AREA	GLASS SIZE	REMARKS
PC5130-OPO	3 1/2	TN Positive	Static	45.8 x 17.86mm	50.8 x 30.48mm	Black Characters on Amber Background
PC5130-OPMG						Mirror Background, Green Characters
PC5130-OPMP						Mirror Background, Pink Characters
PC5130-OPMY						Mirror Background, Yellow Characters
PC5130-OPWG						White Background, Green Characters
PC5130-OPWP						White Background, Pink Characters
PC5130-OPWY						White Background, Yellow Characters
PC5130-OPWD						White Background, Black Characters
PC5130-ONMW		TN Negative				Mirror Background, Black Characters
PC5130-OWMG		FSTN Positive				Mirror Background, Green Characters
PC5130-OWMP						Mirror Background, Pink Characters
PC5130-OWMY						Mirror Background, Yellow Characters
PC5130-OWWG						White Background, Green Characters
PC5130-OWWP						White Background, Pink Characters
PC5130-OWWY						White Background, Yellow Characters
PC5130-OWWB						White Background, Blue Characters
PC5130-OWWR						White Background, Red Characters
PC5130-OTRW						Red Background



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