

Lineup Matrix – Single Cells



Product Type	Rated Voltage (V)	Rated Capacitance (F)	ESR (mohm)	Leakage Current (mA)	Max. Continuous Current (A)		Max. Stored Energy (Wh)	Max. Specific Energy (Wh/kg)	Dimension (mm)		Weight (g)	Terminal Type	Part Number	
			DC	72 hours, 25°C	$\Delta T=15^\circ C$	$\Delta T=40^\circ C$	at V_R	Gravimetric	D	L	Average			
EDLC - CELLS		2.7	3	<55	<0.005	2.0	3.2	0.003	2.02	8	20	1.5	Radial Lead	ESHSR-0003C0-002R7UC
		2.7	5	<35	<0.008	2.6	4.3	0.005	2.20	10	20	2.3	Radial Lead	ESHSR-0005C0-002R7UC
		2.7	6	<33	<0.017	2.8	4.5	0.006	2.64	8	30	2.3	Radial Lead	ESHSR-0006C0-002R7UC
		2.7	10	<30	<0.023	3.4	5.6	0.010	3.16	10	30	3.2	Radial Lead	ESHSR-0010C0-002R7UC
		2.7	25	<25	<0.049	3.7	6.1	0.025	3.89	16	25	6.5	Radial Lead	ESHSR-0025C0-002R7UC
		2.7	50	<16	<0.073	6.0	10	0.050	3.89	18	40	13.0	Radial Lead	ESHSR-0050C0-002R7UC
		2.7	3	<55	<0.005	2.0	3.2	0.003	2.02	8	20	1.5	Radial Lead	ESHSR-0003C0-002R7
		2.7	5	<35	<0.008	2.6	4.3	0.005	2.20	10	20	2.3	Radial Lead	ESHSR-0005C0-002R7
		2.7	6	<33	<0.017	2.8	4.5	0.006	2.64	8	30	2.3	Radial Lead	ESHSR-0006C0-002R7
		2.7	10	<30	<0.023	3.4	5.6	0.010	3.16	10	30	3.2	Radial Lead	ESHSR-0010C0-002R7
		2.7	25	<25	<0.049	3.7	6.1	0.025	3.89	16	25	6.5	Radial Lead	ESHSR-0025C0-002R7
		2.7	50	<16	<0.073	6.0	10	0.050	3.89	18	40	13.0	Radial Lead	ESHSR-0050C0-002R7
		2.7	100	<12	<0.26	10	17	0.101	4.82	22	45	21	Snap-In	ESHSR-0100C0-002R7
		2.7	325	<1.9	<0.45	30	50	0.329	5.06	33	62.5	65	2x2 Pin	ESHLR-0325C0-002R7A2
		2.7	360	<3.2	<0.75	23	37	0.364	5.13	35.5	63.5	71	Snap-In	ESHSR-0360C0-002R7A1
		2.7	650	<0.60	<1.5	68	112	0.658	3.21	60.2	51.5	205	Weldable, $\Phi 14.9/14.0$	ESHSR-0650C0-002R7A5
									3.13	60.2	52.5	210	Threaded, M12/M16	ESHSR-0650C0-002R7A5T
		2.7	1200	<0.48	<2.7	84	137	1.215	4.33	60.2	74	280	Weldable, $\Phi 14.9/14.0$	ESHSR-1200C0-002R7A5
									4.26	60.2	75	285	Threaded, M12/M16	ESHSR-1200C0-002R7A5T
		2.7	1600	<0.41	<3.0	100	164	1.620	4.83	60.2	85	335	Weldable, $\Phi 14.9/14.0$	ESHSR-1600C0-002R7A5
									4.76	60.2	86	340	Threaded, M12/M16	ESHSR-1600C0-002R7A5T
		2.7	2000	<0.33	<4.2	125	204	2.025	5.19	60.2	102	390	Weldable, $\Phi 14.9/14.0$	ESHSR-2000C0-002R7A5
									5.12	60.2	103	395	Threaded, M12/M16	ESHSR-2000C0-002R7A5T
		2.7	3000	<0.26	<5.2	148	243	3.037	5.73	60.2	138	530	Weldable, $\Phi 14.9/14.0$	ESHSR-3000C0-002R7A5
5.67									60.2	139	535	Threaded, M12/M16	ESHSR-3000C0-002R7A5T	
	3.0	3400	<0.24	<12	140	225	4.25	8.50	60.3	138	500	Weldable, $\Phi 14.0/14.0$	NE03V03400SW001	
								8.41	60.3	138	505	Threaded, M12/M12	NE03V03400ST001	
PSEUDO - CELLS		2.3	50	<36	<0.076	-	-	0.037	4.87	16	25	7.6	Radial Lead	PSHLR-0050C0-002R3
		2.3	120	<27	<0.172	-	-	0.088	5.87	18	40	15.0	Radial Lead	PSHLR-0120C0-002R3
		2.3	300	<18	<0.960	-	-	0.220	8.73	22	45	25.2	Snap-In	PSHLR-0300C0-002R3

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			DC	Under 2V per cell	Over 2V per cell	$\Delta T=15^{\circ}C$	$\Delta T=40^{\circ}C$	at V_R	Gravimetric	L	W	H	Average		
	5	1.5	<143	<0.005		1.2	1.9	0.005	1.5	23	17.5	9.5	0.0034	Radial Lead	EMHSR-0001C5-005R0
	5	2.5	<69	<0.008		1.7	2.9	0.009	1.7	23	21.5	12	0.005	Radial Lead	EMHSR-0002C5-005R0
	16	108	<4.3	<1.5	<55	35	60	3.8	1.2	226	140	98.5	3.0	M8/M8 Screw Holes	EMHSR-0108C0-016ROC
	16	108	<4.3	<1.5	<55	35	60	3.8	1.0	430	73	98.5	3.7	M8/M8 Screw Holes	EMHSR-0108C0-016R0S
	16	200	<3.5	<2.7	<56	50	80	7.1	1.7	430	73	121	4.1	M8/M8 Screw Holes	EMHSR-0200C0-016R0S
	16	266	<3.0	<3.0	<57	60	100	9.4	2.0	430	73	132	4.6	M8/M8 Screw Holes	EMHSR-0266C0-016R0S
	16	333	<2.4	<4.2	<58	80	130	11.8	2.3	430	73	145	5.1	M8/M8 Screw Holes	EMHSR-0333C0-016R0S
	16	500	<1.9	<5.2	<59	100	160	17.7	2.9	430	73	185	6.0	M8/M8 Screw Holes	EMHSR-0500C0-016R0S
	48	36	<13.0	<1.5	<55	35	60	11.5	1.2	430	200	96	9.5	M8/M8 Screw Holes	EMHSR-0036C0-048R0S
	48	66	<10.4	<2.7	<56	50	80	21.1	1.8	430	200	118	11.5	M8/M8 Screw Holes	EMHSR-0066C0-048R0S
	48	88	<8.9	<3.0	<57	60	100	28.1	2.2	430	200	129	12.5	M8/M8 Screw Holes	EMHSR-0088C0-048R0S
	48	111	<7.1	<4.2	<58	80	130	35.5	2.6	430	200	146	13.5	M8/M8 Screw Holes	EMHSR-0111C0-048R0S
	48	166	<5.6	<5.2	<59	90	150	53.1	3.3	430	200	182	16.0	M8/M8 Screw Holes	EMHSR-0166C0-048R0S
	64	83	<9.5	<4.2	<58	80	140	47.2	2.7	414	287	162	17.0	M8/M10 Screw Holes	EMHSR-0083C0-064R0S
	64	125	<7.5	<5.2	<59	-	-	71.1	3.3	414	287	198	21.0	M8/M10 Screw Holes	EMHSR-0125C0-064R0S
	86	62	<12.7	<4.2	<58	80	140	63.6	3.0	540	288	162	21.0	M8/M10 Screw Holes	EMHSR-0062C0-086R0S
	86	93	<10.0	<5.2	<59	100	160	95.5	3.6	540	288	190	26.0	M8/M10 Screw Holes	EMHSR-0093C0-086R0S
	125	62	<15.0	<5.2	<58	150	250	134	2.0	729	440	301	67.0	M8/M8 Screw Holes	EMHSR-0062C0-125R0SR2

For more information, you can reach us at one of following contacts:

Images are not to scale

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