

DC020 SERIES 2W REGULATED



FEATURES

- DUAL IN LINE PACKAGE
- 100% BURN IN
- FIVE-SIDED SHIELD TO REDUCE EMI
- NO EXTERNAL COMPONENTS REQUIRED
- UL 94V-0 PACKAGE MATERIAL
- 3 YEARS WARRANTY



OUTPUT SPECIFICATIONS		INPUT SPECIFICATIONS		GENERAL SPECIFICATIONS	
Voltage Set-point Accuracy	+/-3% max	Input Voltage Range	+/-10% max	Efficiency	55% min
Temperature Coefficient	+/-0.05%/°C	Input Filter	Pi Network	Isolation Voltage	1500 VDC min
Ripple & Noise(20MHz BW)	100mVp-p max	Protection	Fuse Recommended	Isolation Resistance	10 ⁹ ohms min
Line Regulation	+/-1% max	ENVIRONMENTAL SPECIFICATIONS		Isolation Capacitance	80pF max
Load Regulation	+/-1% max	Operating Temperature	-25°C to +71°C	Switching Frequency	50KHz min
Minimum Load	10% of Full Load	Storage Temperature	-55°C to +125°C	MTBF	>850,000 Hours
Short Circuit Protection	Current Limit	Cooling	Free-Air Convection	Case Material	Non-Conductive Plastic Or
Transient Response	200uS max	Humidity	95% max		Five-Sided Shield Case

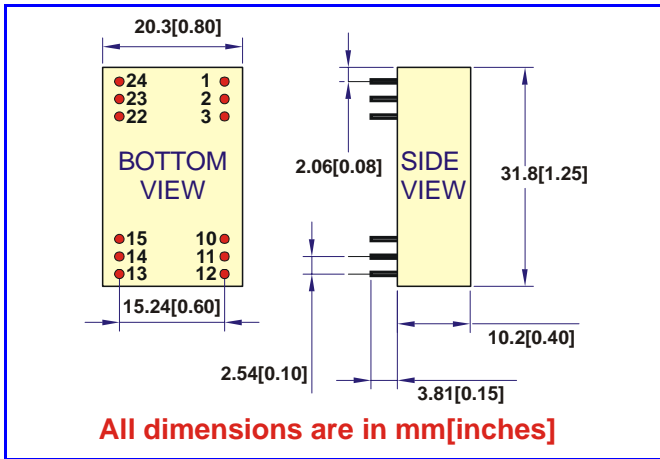
● 2W OUTPUT

MODEL ¹ NUMBER	INPUT (VDC)	OUTPUT		EFF (%)	ISOLATION (VDC)
		VOLTAGE (VDC)	CURRENT (mA)		
DC020-05S05/M	4.5-5.5	5	400	55	1500
DC020-05S09/M	4.5-5.5	9	222	63	1500
DC020-05S12/M	4.5-5.5	12	167	65	1500
DC020-05S15/M	4.5-5.5	15	133	64	1500
DC020-05D05/ M	4.5-5.5	+/-5	+/-200	57	1500
DC020-05D12/ M	4.5-5.5	+/-12	+/-84	59	1500
DC020-05D15/ M	4.5-5.5	+/-15	+/-67	62	1500
DC020-12S05/M	10.8-13.2	5	400	61	1500
DC020-12S09/M	10.8-13.2	9	222	63	1500
DC020-12S12/M	10.8-13.2	12	167	66	1500
DC020-12S15/M	10.8-13.2	15	133	69	1500
DC020-12D05/ M	10.8-13.2	+/-5	+/-200	61	1500
DC020-12D12/ M	10.8-13.2	+/-12	+/-84	62	1500
DC020-12D15/ M	10.8-13.2	+/-15	+/-67	65	1500

DC020-24S05/M	21.6-26.4	5	400	63	1500
DC020-24S09/M	21.6-26.4	9	222	66	1500
DC020-24S12/M	21.6-26.4	12	167	69	1500
DC020-24S15/M	21.6-26.4	15	133	69	1500
DC020-24D05/ M	21.6-26.4	+/-5	+/-200	63	1500
DC020-24D12/ M	21.6-26.4	+/-12	+/-84	65	1500
DC020-24D15/ M	21.6-26.4	+/-15	+/-67	63	1500
DC020-28S05/M	25.2-30.8	5	400	63	1500
DC020-48S05/M	43.2-52.8	5	400	63	1500
DC020-48S09/M	43.2-52.8	9	222	66	1500
DC020-48S12/M	43.2-52.8	12	167	69	1500
DC020-48S15/M	43.2-52.8	15	133	69	1500
DC020-48D05/ M	43.2-52.8	+/-5	+/-200	63	1500
DC020-48D12/ M	43.2-52.8	+/-12	+/-84	69	1500
DC020-48D15/ M	43.2-52.8	+/-15	+/-67	63	1500

● MECHANICAL DIMENSIONS

¹ DC020-**** - Non-Conductive Plastic
DC020-****M - Five-Sided Shield Case



PIN	1 & 24	2 & 23	3 & 22	10 & 15	11 & 14	12 & 13
SINGLE	+Vin	NC	NC	-Vout	+Vout	-Vin
DUAL	+Vin	-Vout	Com.	Com.	+Vout	-Vin