

MD150 SERIES 15W WIDE INPUT RANGE

FEATURES

- REGULATED OUTPUT
- 100% BURN IN
- HIGH EFFICIENCY
- UL 94V-0 PACKAGE MATERIAL
- CUSTOM SOLUTION BE AVAILABLE
- 3 YEARS WARRANTY



OUTPUT SPECIFICATIONS		INPUT SPECIFICATIONS		GENERAL SPECIFICATIONS	
Voltage Set-point Accuracy	+/-2% max	Input Voltage Range	2:1 4:1 Input Range	Efficiency	76% min
Temperature Coefficient	+/-0.05%/°C	Input Filter	Pi Network	Isolation Voltage	1500 -3000VDC min
Ripple & Noise(20MHz BW)	100mVp-p max	Protection	Fuse Recommended	Isolation Resistance	10 ⁹ ohms min
Line Regulation	+/-0.5% max	ENVIRONMENTAL SPECIFICATIONS		Isolation Capacitance	550pF max
Load Regulation	+/-0.5% max	Operating Temperature	-25°C to +71°C	Switching Frequency	150KHz min
Minimum Load	10% of Full Load	Storage Temperature	-55°C to +125°C	MTBF	>700,000 Hours
Short Circuit Protection	Continuous	Humidity	95% max	Case Material	Six-Sided Shield Case

2:1 10W-15W OUTPUT

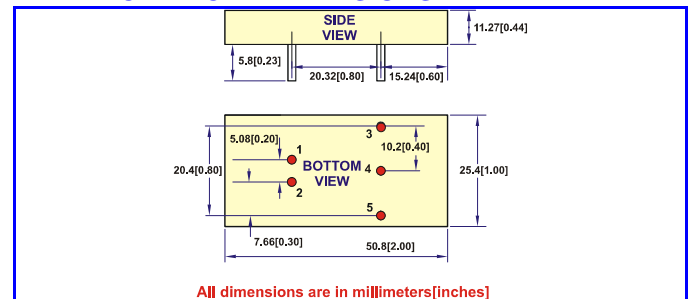
MODEL ¹ NUMBER	INPUT (VDC)	OUTPUT		EFF (%)	ISOLATION (VDC)
		VOLT. (VDC)	CURRENT (mA)		
MD120-05D12	4.7-7.5	+/-12	+/-500	78	1500
MD100-05D15/A-3K	4.5-7.5	+/-15	+/-333	80	1500 / 3000
MD150-12S05/A-3K	9-18	5	3000	79	1500 / 3000
MD150-12S12/A-3K	9-18	12	1250	82	1500 / 3000
MD150-12S15/A-3K	9-18	15	1000	82	1500 / 3000
MD150-12S24/A-3K	9-18	24	625	80	1500 / 3000
MD150-12D05/A-3K	9-18	+/-5	+/-1500	80	1500 / 3000
MD150-12D12/A-3K	9-18	+/-12	+/-625	80	1500 / 3000
MD150-12D15/A-3K	9-18	+/-15	+/-500	82	1500 / 3000
MD150-12D24/A-3K	9-18	+/-24	+/-313	80	1500 / 3000
MD150-24S05/A-3K	18-36	5	3000	79	1500 / 3000
MD150-24S12/A-3K	18-36	12	1250	82	1500 / 3000
MD150-24S15/A-3K	18-36	15	1000	82	1500 / 3000
MD150-24D05/A-3K	18-36	+/-5	+/-1500	80	1500 / 3000
MD150-24D12/A-3K	18-36	+/-12	+/-625	82	1500 / 3000
MD150-24D15/A-3K	18-36	+/-15	+/-500	82	1500 / 3000
MD150-48S05/A-3K	36-72	5	3000	80	1500 / 3000
MD150-48S12/A-3K	36-72	12	1250	82	1500 / 3000
MD150-48S15/A-3K	36-72	15	1000	82	1500 / 3000
MD150-48S24/A-3K	36-72	24	625	82	1500 / 3000
MD150-48D05/A-3K	36-72	+/-5	+/-1500	82	1500 / 3000
MD150-48D12/A-3K	36-72	+/-12	+/-625	82	1500 / 3000
MD150-48D15/A-3K	36-72	+/-15	+/-500	82	1500 / 3000

4:1 15W OUTPUT

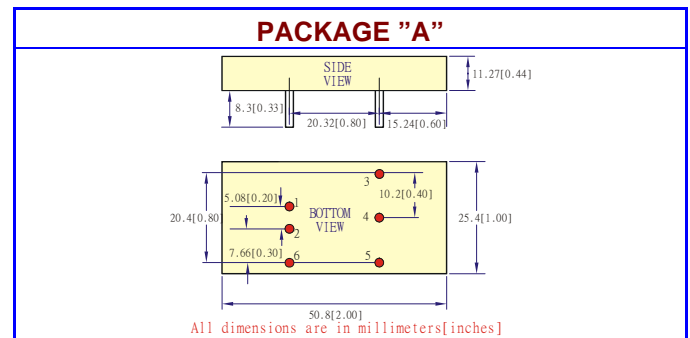
MD150-412S05/A	9-36	5	3000	79	1500
MD150-412S12/A	9-36	12	1250	82	1500
MD150-412S15/A	9-36	15	1000	82	1500
MD150-412D05/A	9-36	+/-5	+/-1500	80	1500
MD150-412D12/A	9-36	+/-12	+/-625	82	1500

MD150-412D15/A	9-36	+/-15	+/-500	82	1500
MD150-424S05/A	18-72	5	3000	79	1500
MD150-424S12/A	18-72	12	1250	82	1500
MD150-424S15/A	18-72	15	1000	82	1500
MD150-424D05/A	18-72	+/-5	+/-1500	80	1500
MD150-424D12/A	18-72	+/-12	+/-625	82	1500
MD150-424D15/A	18-72	+/-15	+/-500	82	1500

MECHANICAL DIMENSIONS



PIN	1	2	3	4	5
SINGLE	+Vin	-Vin	+Vout	NP	-Vout
DUAL	+Vin	-Vin	+Vout	Com.	-Vout



PIN	1	2	3	4	5	6
SINGLE	+Vin	-Vin	+Vout	NP	-Vout	Remote ON/OFF
DUAL	+Vin	-Vin	+Vout	Com.	-Vout	

¹ MD150-****A PACKAGE "A" FOR REMOTE CONTROL
MD150-****-3K FOR 3000VDC ISOLATION