

VD SERIES 1W UNREGULATED

FEATURES

- DUAL IN LINE PACKAGE
- 1W UNREGULATED OUTPUT POWER
- 100% BURN IN
- UL 94V-0 PACKAGE MATERIAL
- INTERNAL SMD TECHNOLOGY
- 3 YEARS WARRANTY

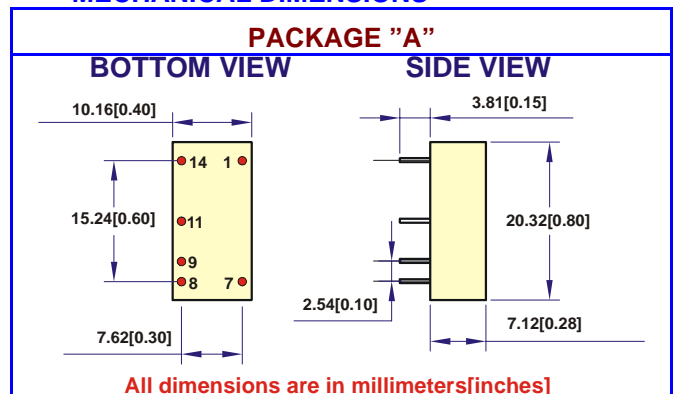


OUTPUT SPECIFICATIONS		INPUT SPECIFICATIONS		GENERAL SPECIFICATIONS	
Voltage Set-point Accuracy	+/-2% max	Input Voltage Range	+/-10% max	Efficiency	73% min
Temperature Coefficient	+/-0.05%/°C	Input Filter	Capacitor Type	Isolation Voltage	1500 VDC min
Ripple & Noise(20MHz BW)	100mVp-p max	Protection	Fuse Recommended	Isolation Resistance	10 ⁹ ohms min
Line Regulation	+/-1.2% max	ENVIRONMENTAL SPECIFICATIONS		Isolation Capacitance	80pF max
Load Regulation	+/-8% 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	>2,000,000 Hours
Short Circuit Protection	Momentary	Humidity	95% max	Case Material	Non-Conductive Plastic

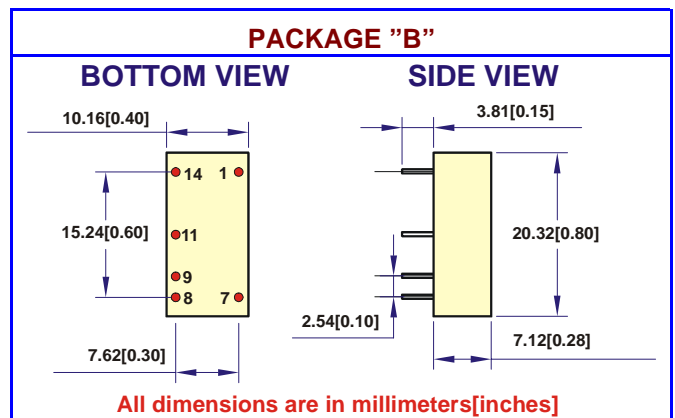
● 1500VDC ISOLATION

MODEL NUMBER	INPUT (VDC)	OUTPUT		EFF (%)	PACKAGE
		VOLT. (VDC)	CURRENT (mA)		
VD010-05S05 (A,B)	5	5	200	73	A,B
VD010-05S12 (A,B)	5	12	84	79	A,B
VD010-05S15 (A,B)	5	15	67	79	A,B
VD010-05D05A	5	+/-5	+/-100	73	A
VD010-05D12A	5	+/-12	+/-42	79	A
VD010-05D15A	5	+/-15	+/-34	79	A
VD010-05D24A	5	+/-24	+/-21	78	A
VD010-12S05 (A,B)	12	5	200	74	A,B
VD010-12S12 (A,B)	12	12	84	82	A,B
VD010-12S15 (A,B)	12	15	67	82	A,B
VD010-12D05A	12	+/-5	+/-100	74	A
VD010-12D12A	12	+/-12	+/-42	82	A
VD010-12D15A	12	+/-15	+/-34	82	A
VD010-24S05 (A,B)	24	5	200	73	A,B
VD010-24S12 (A,B)	24	12	84	77	A,B
VD010-24S15 (A,B)	24	15	67	80	A,B
VD010-24D05A	24	+/-5	+/-100	73	A
VD010-24D12A	24	+/-12	+/-42	77	A
VD010-24D15A	24	+/-15	+/-34	77	A

● MECHANICAL DIMENSIONS



PIN	1	7	8	9	11	14
SINGLE	-Vin	NC	-Vout	+Vout	NC	+Vin
DUAL	-Vin	NC	Com.	+Vout	-Vout	+Vin



PIN	1	7	8	9	11	14
SINGLE	-Vin	NC	NP	+Vout	-Vout	+Vin