

OUTPUT VOLTAGE	OUTPUT CURRENT	OUTPUT POWER	MODEL NUMBER		
			9-18 VDC IN	18-36 VDC IN	36-72 VDC IN
5 VDC 12 VDC 15 VDC	1600 mA 670 mA 533 mA	8W 8W 8W	TC3-8S1205 TC3-8S1212 TC3-8S1215	TC3-8S2405 TC3-8S2412 TC3-8S2415	TC3-8S4805 TC3-8S4812 TC3-8S4815
±5 VDC ±12 VDC ±15 VDC	±800 mA ±335 mA ±267 mA	8W 8W 8W	TC3-8D1205 TC3-8D1212 TC3-8D1215	TC3-8D2405 TC3-8D2412 TC3-8D2415	TC3-8D4805 TC3-8D4812 TC3-8D4815

ELECTRICAL SPECIFICATIONS

All Specifications Typical @+25°C, Nominal Line, and Full Load Unless Otherwise Noted.

INPUT SPECIFICATIONS

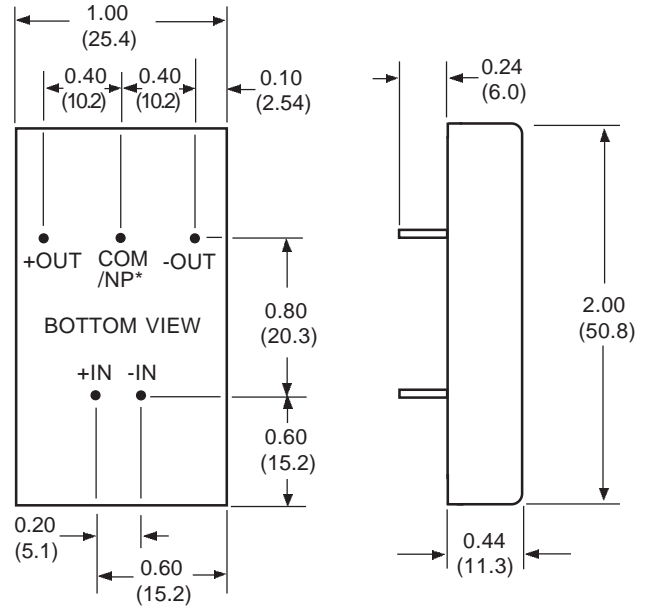
Nominal Line, 9-18V Input.....12 VDC
 18-36V Input.....24 VDC
 36-72V Input.....48 VDC
 Input Filter.....Pi Filter
 Reverse Voltage Protection.....Internal Shunt Diode
 Use External Fuse

OUTPUT SPECIFICATIONS

Voltage Accuracy.....±2%, Max.
 Line Regulation.....±0.2%, Max.
 Load Regulation, FL-10%FL.....±0.5%, Max.
 Minimum Load, Single Output.....Not Required
 Dual Output.....10% on Each Output
 Ripple and Noise, 20MHz BW, 5V.....100mVp-p, Max.
 12V & 15V....1% Vp-p, Max.
 Short Circuit Protection.....Continuous

GENERAL SPECIFICATIONS

Efficiency.....75% - 83%
 Isolation Voltage, Input to Output.....1,000 VDC, Min.
 Switching Frequency.....50 kHz, Min.
 Operating Temperature Range.....-25°C to +71°C
 Derating.....None
 Storage Temperature Range.....-40°C to +100°C
 Cooling.....Free Air Convection
 MTBF per MIL-HDBK-217F @25°C.....>700k Hours
 Weight.....1.1 oz. (30 grams)
 Case Material.....Metal with Non-Conductive Base



* NP (NO PIN) ON SINGLE OUTPUT MODELS

PIN SIZE: 0.03 INCH (0.8 mm) DIA.

ALL DIMENSIONS IN INCHES (mm)