

*OUTPUT VOLTAGE	OUTPUT CURRENT	OUTPUT POWER	MODEL NUMBER		
			9-18 VDC IN	18-36 VDC IN	36-72 VDC IN
3.3 VDC 5 VDC 12 VDC 15 VDC	1500 mA 1000 mA 417 mA 333 mA	5W 5W 5W 5W	TC2-5S123.3 TC2-5S1205 TC2-5S1212 TC2-5S1215	TC2-5S243.3 TC2-5S2405 TC2-5S2412 TC2-5S2415	TC2-5S483.3 TC2-5S4805 TC2-5S4812 TC2-5S4815
±5 VDC ±12 VDC ±15 VDC	±500 mA ±208 mA ±167 mA	5W 5W 5W	TC2-5D1205 TC2-5D1212 TC2-5D1215	TC2-5D2405 TC2-5D2412 TC2-5D2415	TC2-5D4805 TC2-5D4812 TC2-5D4815

\*Contact the factory for other input and output combinations.

### ELECTRICAL SPECIFICATIONS

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

#### INPUT SPECIFICATIONS

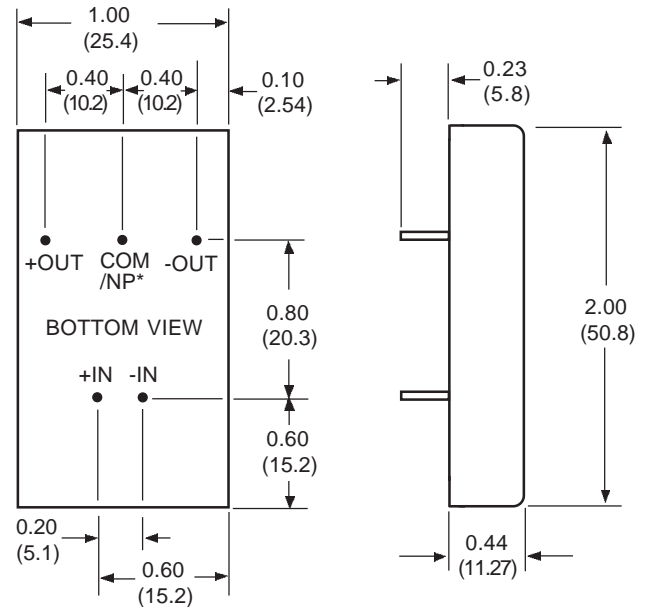
Nominal Line, 9-18V Input.....12 VDC  
 18-36V Input.....24 VDC  
 36-72V Input.....48 VDC  
 Input Filter.....Pi Network

#### OUTPUT SPECIFICATIONS

Voltage Accuracy.....±2%, Max.  
 Voltage Balance, Dual Output.....±1%  
 Line Regulation.....±1%, Max.  
 Load Regulation, FL-10% FL.....±1%, Max.  
 Minimum Load.....10%  
 Ripple and Noise, 20MHz BW.....100mVp-p, Max.  
 Short Circuit Protection.....Continuous  
 Short Circuit Restart.....Automatic

#### GENERAL SPECIFICATIONS

Efficiency.....70% to 83%  
 Isolation Voltage, Input to Output.....1,500 VDC, Standard  
 3,000 VDC, Suffix "H"  
 Switching Frequency.....100 KHz, Min.  
 Operating Temperature Range.....-25°C to +71°C  
 Derating.....3.33%/°C from +71°C to +100°C  
 Case Temperature.....100°C Max.  
 Storage Temperature Range.....-40°C to +125°C  
 Cooling.....Free Air Convection  
 EMI/RFI.....6-Side or 5-Side (Suffix "H") Shielded Case  
 Conducted EMI....Meets FCC Class A, EN55022 Class A  
 Case Material.....Metal with Non-Conductive Base



\* NP (NO PIN) ON SINGLE OUTPUT MODELS

PIN SIZE: 0.04 INCH (1.0 mm) DIA.

ALL DIMENSIONS IN INCHES (mm)