



# TC4W Series

## 4:1 Input, 10 Watt

OUTPUT VOLTAGE	OUTPUT CURRENT	OUTPUT POWER	MODEL NUMBER	
			9-36 VDC IN	18-72 VDC IN
3.3 VDC	2000 mA	6.6W	TC4W-7S243.3	TC4W-7S483.3
5 VDC	2000 mA	10W	TC4W-10S2405	TC4W-10S4805
12 VDC	830 mA	10W	TC4W-10S2412	TC4W-10S4812
15 VDC	666 mA	10W	TC4W-10S2415	TC4W-10S4815
±5 VDC	±1000 mA	10W	TC4W-10D2405	TC4W-10D4805
±12 VDC	±415 mA	10W	TC4W-10D2412	TC4W-10D4812
±15 VDC	±333 mA	10W	TC4W-10D2415	TC4W-10D4815

### ELECTRICAL SPECIFICATIONS

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

### INPUT SPECIFICATIONS

Nominal Line, 9-36V Input.....24 VDC  
 18-72V Input.....48 VDC

Input Filter.....Pi Filter

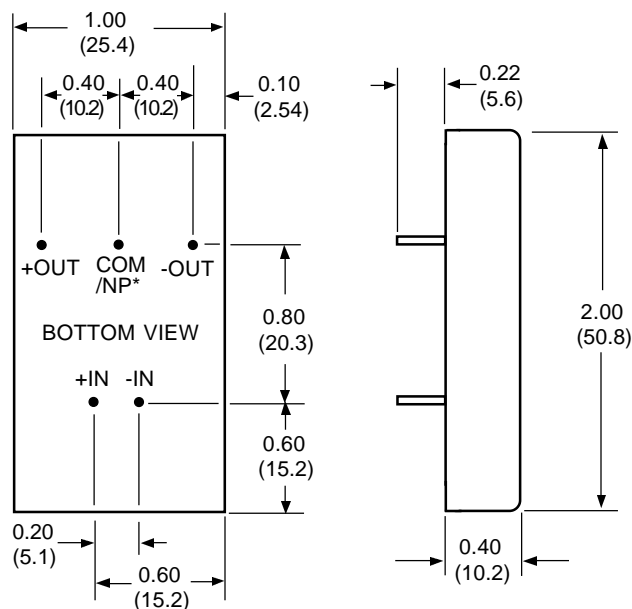
Reverse Voltage Protection.....Internal Shunt Diode  
 Use External Fuse

### OUTPUT SPECIFICATIONS

Voltage Accuracy.....±1.0%, Max.  
 Line Regulation.....±0.2%, Max.  
 Load Regulation, FL-25%FL.....±1.0%, Max.  
 Minimum Load.....Not Required  
 Ripple and Noise, 20MHz BW.....75mVp-p, Max.  
 Short Circuit Protection.....Continuous

### GENERAL SPECIFICATIONS

Efficiency.....76% - 82%  
 Isolation Voltage, Input to Output.....500 VDC, Min.  
 Switching Frequency.....200 KHz, Typ.  
 Operating Temperature Range.....-25°C to +71°C  
 Case Temperature.....100°C Max.  
 Derating.....None  
 Storage Temperature Range.....-40°C to +100°C  
 Cooling.....Free Air Convection  
 EMI/RFI.....Six-Sided Shielded Metal 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)