



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	4500 mA 3000 mA 1250 mA 1000 mA	14.8W 15W 15W 15W	TC6-15S123.3 TC6-15S1205 TC6-15S1212 TC6-15S1215	TC6-15S243.3 TC6-15S2405 TC6-15S2412 TC6-15S2415	TC6-15S483.3 TC6-15S4805 TC6-15S4812 TC6-15S4815
±5 VDC ±12 VDC ±15 VDC	±1500 mA ±625 mA ±500 mA	15W 15W 15W	TC6-15D1205 TC6-15D1212 TC6-15D1215	TC6-15D2405 TC6-15D2412 TC6-15D2415	TC6-15D4805 TC6-15D4812 TC6-15D4815

Other input/output combinations available.

\*Add suffix "R" for "remote on/off" option.

\*Add suffix "A" for "external trim adjustment" option.

### 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

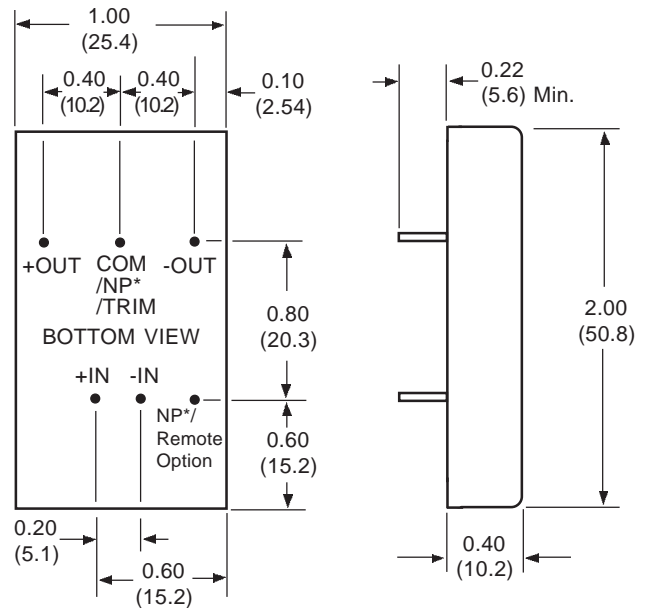
#### OUTPUT SPECIFICATIONS

Voltage Accuracy.....±2%, Max.  
Voltage Balance, Dual Output.....±1%, Max.  
Line Regulation, HL-LL.....±0.5%, Max.  
Load Regulation, FL-25%FL.....±1%, Max.  
Ripple and Noise, 20MHz BW.....Single, 50mVp-p, Max.  
Dual, 75mVp-p, Max.

Short Circuit Protection.....Continuous  
Remote On/Off Control, Optional.....Suffix "R"  
External Trim Adjustment, Optional; Suffix "A"..... ±10%

#### GENERAL SPECIFICATIONS

Efficiency.....83% - 87%  
Isolation Voltage, Input to Output.....500 VDC, Min.  
Switching Frequency.....250 kHz, Typ.  
EMI/RFI.....Meets EN55022 Class A  
Operating Temperature Range.....-25°C to +71°C  
Storage Temperature Range.....-40°C to +100°C  
Case Temperature.....+100°C, Max.  
Cooling.....Free Air Convection  
Weight.....1.2 oz. (34 grams)  
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)