



| OUTPUT VOLTAGE | OUTPUT CURRENT | OUTPUT POWER | MODEL NUMBER |             |             |             |
|----------------|----------------|--------------|--------------|-------------|-------------|-------------|
|                |                |              | 5 VDC IN     | 12 VDC IN   | 24 VDC IN   | 48 VDC IN   |
| 5 VDC          | 300 mA         | 1.5W         | T2-1S0505H5  | T2-1S1205H5 | T2-1S2405H5 | T2-1S4805H5 |
| 12 VDC         | 125 mA         | 1.5W         | T2-1S0512H5  | T2-1S1212H5 | T2-1S2412H5 | T2-1S4812H5 |
| 15 VDC         | 100 mA         | 1.5W         | T2-1S0515H5  | T2-1S1215H5 | T2-1S2415H5 | T2-1S4815H5 |
| ±5 VDC         | ±150 mA        | 1.5W         | T2-1D0505H5  | T2-1D1205H5 | T2-1D2405H5 | T2-1D4805H5 |
| ±12 VDC        | ±63 mA         | 1.5W         | T2-1D0512H5  | T2-1D1212H5 | T2-1D2412H5 | T2-1D4812H5 |
| ±15 VDC        | ±50 mA         | 1.5W         | T2-1D0515H5  | T2-1D1215H5 | T2-1D2415H5 | T2-1D4815H5 |
| 5 VDC          | 400 mA         | 2W           | T2-2S0505H5  | T2-2S1205H5 | T2-2S2405H5 | T2-2S4805H5 |
| 12 VDC         | 167 mA         | 2W           | T2-2S0512H5  | T2-2S1212H5 | T2-2S2412H5 | T2-2S4812H5 |
| 15 VDC         | 133 mA         | 2W           | T2-2S0515H5  | T2-2S1215H5 | T2-2S2415H5 | T2-2S4815H5 |
| ±5 VDC         | ±200 mA        | 2W           | T2-2D0505H5  | T2-2D1205H5 | T2-2D2405H5 | T2-2D4805H5 |
| ±12 VDC        | ±83 mA         | 2W           | T2-2D0512H5  | T2-2D1212H5 | T2-2D2412H5 | T2-2D4812H5 |
| ±15 VDC        | ±67 mA         | 2W           | T2-2D0515H5  | T2-2D1215H5 | T2-2D2415H5 | T2-2D4815H5 |
| 5 VDC          | 600 mA         | 3W           | T2-3S0505H5  | T2-3S1205H5 | T2-3S2405H5 | T2-3S4805H5 |
| 12 VDC         | 250 mA         | 3W           | T2-3S0512H5  | T2-3S1212H5 | T2-3S2412H5 | T2-3S4812H5 |
| 15 VDC         | 200 mA         | 3W           | T2-3S0515H5  | T2-3S1215H5 | T2-3S2415H5 | T2-3S4815H5 |
| ±5 VDC         | ±300 mA        | 3W           | T2-3D0505H5  | T2-3D1205H5 | T2-3D2405H5 | T2-3D4805H5 |
| ±12 VDC        | ±125 mA        | 3W           | T2-3D0512H5  | T2-3D1212H5 | T2-3D2412H5 | T2-3D4812H5 |
| ±15 VDC        | ±100 mA        | 3W           | T2-3D0515H5  | T2-3D1215H5 | T2-3D2415H5 | T2-3D4815H5 |

Other input/output combinations available.

**ELECTRICAL SPECIFICATIONS**

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

**INPUT SPECIFICATIONS**

Input Voltage Range.....±10%  
Input Filter.....Pi Filter

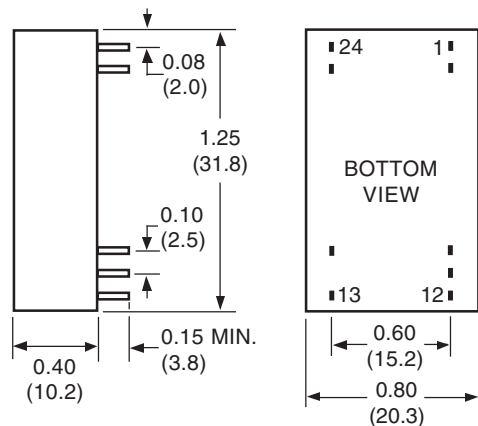
**OUTPUT SPECIFICATIONS**

Voltage Accuracy.....±2%, Max.  
Voltage Balance, Balance Load.....±2%, Max.  
Line Regulation.....±0.5%, Max.  
Load Regulation, FL-10%FL.....±0.5%, Max.  
Ripple and Noise, 20MHz BW.....75 mVp-p, Max.  
Short Circuit Protection.....Continuous  
Temperature Coefficient.....±0.02%/C, Max.

**GENERAL SPECIFICATIONS**

Efficiency.....60-75%, Typ.  
Isolation Voltage, Input to Output.....5,200 VDC, Min.  
Isolation Resistance, 500 VDC.....1,000 MΩ, Min.  
Isolation Capacitance.....60pF, Typ.  
Switching Frequency.....Single Output, 40 kHz, Typ.  
Dual Output, 300 kHz, Typ.  
Operating Temperature, No Derating.....-25°C to +80°C  
Storage Temperature Range.....-40°C to +125°C  
Cooling.....Free Air Convection  
MTBF per MIL-HDBK-217F @ 25°C.....> 3M Hours  
Weight.....0.44 oz. (12.5 grams)  
Case Material.....Non-Conductive Black Plastic

| PIN CONNECTIONS |           |           |
|-----------------|-----------|-----------|
| PIN             | SINGLE    | DUAL      |
| 1,2             | +V Input  | +V Input  |
| 10,11           | No Pin    | Common    |
| 12              | -V Output | No Pin    |
| 13              | +V Output | -V Output |
| 15              | No Pin    | +V Output |
| 23,24           | -V Input  | -V Input  |



PIN SIZE: 0.02 (0.5) DIA.  
ALL DIMENSIONS IN INCHES (mm)