

| OUTPUT VOLTAGE | OUTPUT CURRENT | OUTPUT POWER | *MODEL NUMBER | | |
|----------------|----------------|--------------|---------------|---------------|---------------|
| | | | 5 VDC IN | 12 VDC IN | 24 VDC IN |
| 3.3 VDC | 400 mA | 1.32W | T7-2S053.3NH6 | T7-2S123.3NH6 | T7-2S243.3NH6 |
| 5 VDC | 400 mA | 2W | T7-2S0505NH6 | T7-2S1205NH6 | T7-2S2405NH6 |
| 12 VDC | 167 mA | 2W | T7-2S0512NH6 | T7-2S1212NH6 | T7-2S2412NH6 |
| 15 VDC | 134 mA | 2W | T7-2S0515NH6 | T7-2S1215NH6 | T7-2S2415NH6 |
| ±5 VDC | ±200 mA | 2W | T7-2D0505NH6 | T7-2D1205NH6 | T7-2D2405NH6 |
| ±12 VDC | ±84 mA | 2W | T7-2D0512NH6 | T7-2D1212NH6 | T7-2D2412NH6 |
| ±15 VDC | ±67 mA | 2W | T7-2D0515NH6 | T7-2D1215NH6 | T7-2D2415NH6 |

*15V, 48V input and 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.....Capacitors

OUTPUT SPECIFICATIONS

Voltage Accuracy.....±3%, Max.
 Voltage Balance, Balance Load.....±1%, Max.
 Line Regulation, FL.....±1.2%/Vin, Typ.
 Load Regulation, FL-20%FL.....±10%, Typ.
 Ripple and Noise, 20MHz BW.....75 mVp-p, Max.
 Short Circuit Protection.....Momentary

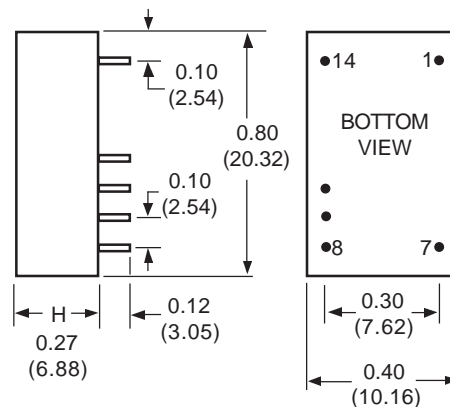
GENERAL SPECIFICATIONS

Efficiency.....70-82%
 Isolation Voltage, Input to Output.....6,000 VDC
 Isolation Resistance.....10⁹ Ohms, Min.
 Isolation Capacitance.....60pF, Typ.
 Switching Frequency.....80 kHz, Typ.
 Operating Temperature, No Derating.....-25°C to +85°C
 Storage Temperature Range.....-40°C to +125°C
 Cooling.....Free Air Convection
 MTBF per MIL-HDBK-217F @25°C.....>1,120k Hours
 Case Material.....Non-Conductive Black Plastic,
 UL94V-0 Rated

| PIN CONNECTIONS | | |
|-----------------|--------|-------|
| PIN | SINGLE | DUAL |
| 1 | -Vin | -Vin |
| 7 | *NC | *NC |
| 8 | +Vout | +Vout |
| 9 | *NP | Com. |
| 10 | -Vout | -Vout |
| 14 | +Vin | +Vin |

*NC: No Connection

*NP: No Pin



PIN SIZE: 0.02 ± 0.002 INCH (0.5 ± 0.05 mm) DIA.

ALL DIMENSIONS IN INCHES (mm)