

*OUTPUT VOLTAGE	OUTPUT CURRENT	OUTPUT POWER	MODEL NUMBER		
			9-18 VDC IN	18-36 VDC IN	36-75 VDC IN
5 VDC 12 VDC 15 VDC	1000 mA 500 mA 400 mA	5W 6W 6W	TA2E-5S1205H6 TA2E-6S1212H6 TA2E-6S1215H6	TA2E-5S2405H6 TA2E-6S2412H6 TA2E-6S2415H6	TA2E-5S4805H6 TA2E-6S4812H6 TA2E-6S4815H6
±5 VDC ±12 VDC ±15 VDC	±500 mA ±250 mA ±200 mA	5W 6W 6W	TA2E-5D1205H6 TA2E-6D1212H6 TA2E-6D1215H6	TA2E-5D2405H6 TA2E-6D2412H6 TA2E-6D2415H6	TA2E-5D4805H6 TA2E-6D4812H6 TA2E-6D4815H6

\*Special input/output combinations available.

### ELECTRICAL SPECIFICATIONS

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

### INPUT SPECIFICATIONS

Input Voltage Range.....See Table  
Nominal Input.....12, 24, 48 VDC  
Input Filter.....Pi Network

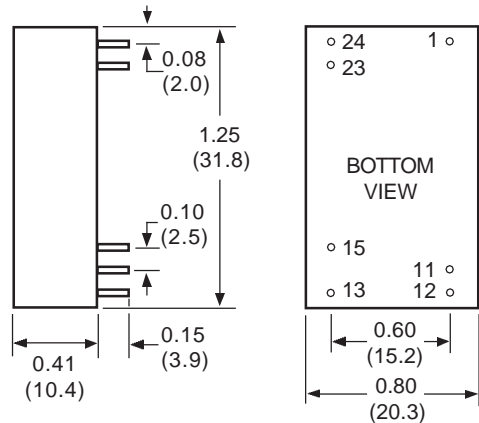
### OUTPUT SPECIFICATIONS

Voltage Accuracy.....±1%, Max.  
Line Regulation.....±0.5%, Max.  
Load Regulation, 10%FL-FL.....±1%, Max.  
Ripple and Noise, 20MHz BW.....75 mVp-p, Max.  
Short Circuit Protection.....Continuous, Auto Restart  
Temperature Coefficient.....±0.02%/C, Max.

### GENERAL SPECIFICATIONS

Switching Frequency.....130 kHz, Typ.  
Efficiency.....76 - 80%  
Isolation Voltage, Input to Output.....6,000 VDC  
Isolation Resistance.....10<sup>9</sup> Ohms, Min.  
Isolation Capacitance.....20 pF, Max.  
Operating Temperature, No Derating.....-25°C to +60°C  
Storage Temperature Range.....-40°C to +125°C  
Cooling.....Free Air Convection  
MTBF per MIL-HDBK-217F @25°C.....1M Hours  
Safety Standards.....Meets UL 60950-1, IEC/EN 60950-1  
Conducted EMI.....Meets EN 55022 Class A  
Weight.....0.5 oz. (14 grams)  
Case Materials.....Plastic, UL 94V-0 Rated

PIN CONNECTIONS		
PIN	SINGLE	DUAL
1	+V Input	+V Input
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)