

*OUTPUT VOLTAGE	OUTPUT CURRENT	OUTPUT POWER	MODEL NUMBER			
			4.5-9 VDC IN	9-18 VDC IN	18-36 VDC IN	36-75 VDC IN
5 VDC 12 VDC 15 VDC	600 mA 250 mA 200 mA	3W 3W 3W	TAE-3S0505H6 TAE-3S0512H6 TAE-3S0515H6	TAE-3S1205H6 TAE-3S1212H6 TAE-3S1215H6	TAE-3S2405H6 TAE-3S2412H6 TAE-3S2415H6	TAE-3S4805H6 TAE-3S4812H6 TAE-3S4815H6
±5 VDC ±12 VDC ±15 VDC	±300 mA ±125 mA ±100 mA	3W 3W 3W	TAE-3D0505H6 TAE-3D0512H6 TAE-3D0515H6	TAE-3D1205H6 TAE-3D1212H6 TAE-3D1215H6	TAE-3D2405H6 TAE-3D2412H6 TAE-3D2415H6	TAE-3D4805H6 TAE-3D4812H6 TAE-3D4815H6

*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.....5, 12, 24, 48 VDC
 Input Filter.....Pi Network

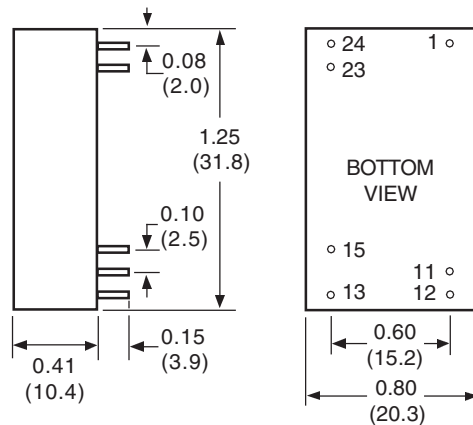
OUTPUT SPECIFICATIONS

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.....72% to 84%
 Isolation Voltage, Input to Output.....6,000 VDC
 Isolation Resistance.....10⁹ Ohms, Min.
 Isolation Capacitance.....20 pF, Max.
 Operating Temperature, No Derating.....-25°C to +75°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)