



OUTPUT VOLTAGE	OUTPUT CURRENT	OUTPUT POWER	MODEL NUMBER*			
			5 VDC IN	12 VDC IN	15 VDC IN	24 VDC IN
3.3 VDC	333 mA	1W	TSC-1S053.3	TSC-1S123.3	TSC-1S153.3	TSC-1S243.3
5 VDC	200 mA	1W	TSC-1S0505	TSC-1S1205	TSC-1S1505	TSC-1S2405
12 VDC	83 mA	1W	TSC-1S0512	TSC-1S1212	TSC-1S1512	TSC-1S2412
15 VDC	67 mA	1W	TSC-1S0515	TSC-1S1215	TSC-1S1515	TSC-1S2415

48V input and other input/output combinations available.
* Add suffix "H" for 3K VDC isolation version.

ELECTRICAL SPECIFICATIONS

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

INPUT SPECIFICATIONS

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

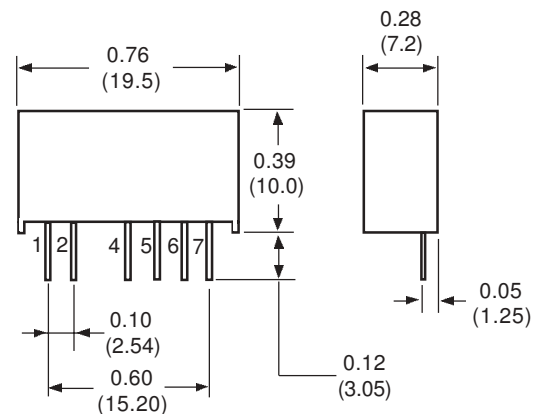
OUTPUT SPECIFICATIONS

Voltage Accuracy.....±2%, Max.
Line Regulation.....±0.5%, Max.
Load Regulation.....±0.5%, Max.
Ripple and Noise, 20MHz BW.....50 mVp-p, Max.
Short Circuit Protection.....Momentary, Auto-Recovery

GENERAL SPECIFICATIONS

Efficiency.....57 - 68%
Isolation Voltage, Input to Output, Standard.....1,000 VDC
Suffix "H"....3,000 VDC
Isolation Resistance.....10⁹ Ohms, Min.
Isolation Capacitance.....60pF, Typ.
Switching Frequency.....50 kHz, Typ.
Operating Temperature Range.....-25°C to +71°C
Storage Temperature Range.....-40°C to +125°C
Cooling.....Free Air Convection
Weight.....0.1 oz. (3 grams)
Case Material.....Non-Conductive Black Plastic

PIN CONNECTIONS		
PIN	1,000 VDC Isolation	3,000 VDC Isolation
1	+V Input	+V Input
2	-V Input	-V Input
4	-V Output	No Pin
5	No Pin	-V Output
6	+V Output	No Pin
7	No Pin	+V Output



PIN SIZE: 0.02 X 0.01 INCH

ALL DIMENSIONS IN INCHES (mm)