

OUTPUT VOLTAGE	OUTPUT CURRENT	OUTPUT POWER	MODEL NUMBER				
			5 VDC IN	12 VDC IN	15 VDC IN	24 VDC IN	48 VDC IN
5 VDC	150 mA	0.75W	TSC-3QS0505N	TSC-3QS1205N	TSC-3QS1505N	TSC-3QS2405N	TSC-3QS4805N
12 VDC	60 mA	0.75W	TSC-3QS0512N	TSC-3QS1212N	TSC-3QS1512N	TSC-3QS2412N	TSC-3QS4812N
15 VDC	50 mA	0.75W	TSC-3QS0515N	TSC-3QS1215N	TSC-3QS1515N	TSC-3QS2415N	TSC-3QS4815N
±5 VDC	±75 mA	0.75W	TSC-3QD0505N	TSC-3QD1205N	TSC-3QD1505N	TSC-3QD2405N	TSC-3QD4805N
±12 VDC	±30 mA	0.75W	TSC-3QD0512N	TSC-3QD1212N	TSC-3QD1512N	TSC-3QD2412N	TSC-3QD4812N
±15 VDC	±25 mA	0.75W	TSC-3QD0515N	TSC-3QD1215N	TSC-3QD1515N	TSC-3QD2415N	TSC-3QD4815N
3.3 VDC	303 mA	0.85W	TSC-1S053.3N	TSC-1S123.3N	TSC-1S153.3N	TSC-1S243.3N	TSC-1S483.3N
5 VDC	200 mA	1.0W	TSC-1S0505N	TSC-1S1205N	TSC-1S1505N	TSC-1S2405N	TSC-1S4805N
12 VDC	84 mA	1.0W	TSC-1S0512N	TSC-1S1212N	TSC-1S1512N	TSC-1S2412N	TSC-1S4812N
15 VDC	67 mA	1.0W	TSC-1S0515N	TSC-1S1215N	TSC-1S1515N	TSC-1S2415N	TSC-1S4815N
±5 VDC	±100 mA	1.0W	TSC-1D0505N	TSC-1D1205N	TSC-1D1505N	TSC-1D2405N	TSC-1D4805N
±12 VDC	±42 mA	1.0W	TSC-1D0512N	TSC-1D1212N	TSC-1D1512N	TSC-1D2412N	TSC-1D4812N
±15 VDC	±34 mA	1.0W	TSC-1D0515N	TSC-1D1215N	TSC-1D1515N	TSC-1D2415N	TSC-1D4815N

0.25W, 0.5W versions 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

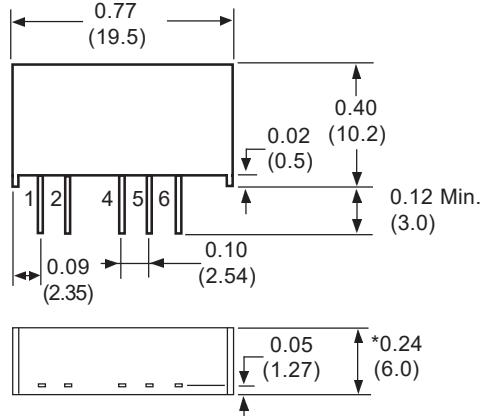
Voltage Accuracy.....±5%, Max.
Line Regulation, FL.....±1.2%/%Vin, Max.
Load Regulation, FL-20%FL.....±8%, Max.
(For regulated output models, see TSC Series.)
Ripple and Noise, 20MHz BW.....50 mVp-p, Typ.
100 mVp-p, Max.
Short Circuit Protection.....Short Term

GENERAL SPECIFICATIONS

Efficiency.....70 - 85%
Isolation Voltage, Input to Output.....1,000 VDC
(For 3K VDC isolation models, see TSC-NH Series.)
Isolation Resistance.....10⁹ Ohms, Min.
Isolation Capacitance.....80pF
Switching Frequency.....100 kHz, Min.
Operating Temperature, No Derating.....-25°C to +71°C
Storage Temperature Range.....-40°C to +125°C
Cooling.....Free Air Convection
MTBF per MIL-HDBK-217F @25°C.....>2,000k Hours
Weight.....0.1 oz. (3 grams)
Case Material.....Non-Conductive Black Plastic

PIN CONNECTIONS	
PIN	FUNCTION
1	+V Input
2	-V Input
4	-V Output
5	Common*
6	+V Output

*No pin on single output models.



*0.28 (7.1) on 48V input models

PIN SIZE: 0.02 X 0.01 INCH

ALL DIMENSIONS IN INCHES (mm)