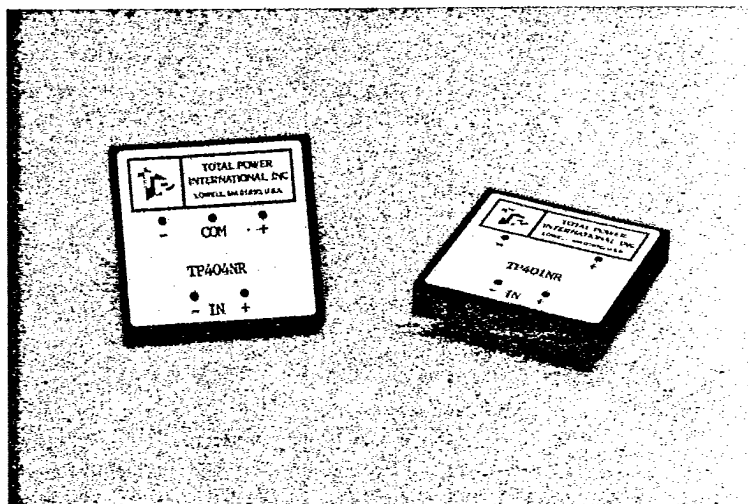


5 to 9 WATT SINGLE and DUAL OUTPUT DC-DC CONVERTERS

TP400NR SERIES

Features:

- Cost Effective Models
- 75% Efficiency
- Unregulated Outputs
- Pi Input Filter
- 500VDC Isolation
- Short Circuit Protection



Specifications:

Input

Input Voltage Range	: $\pm 10\%$
Reflected Ripple Current	: 75mA p-p
Input Filter	: Pi Network

Output

Voltage/Current Rating	: See Order Information Table
Voltage Tolerance	: $\pm 3.0\%$ (max)
Line Regulation	: $\pm 1.2\%$ (typ)
Load Regulation	: $\pm 8\%$ (typ)
Ripple and Noise	: 100mV (max) p-p
Dielectric Withstand	: 500VDC (min)
Isolation Resistance	: 10^8 ohms
Isolation Capacitance	: 180pF
Efficiency	: 75% (typ)
Switching Frequency	: 20kHz (min)
Output Protection	: Continuous Short Circuit Protection

Environmental

Operating Temperature	: -25°C to 71°C
Storage Temperature	: -40°C to 100°C

Mechanical

Case Material	: Plastic
	: Add Suffix "M" for copper Case with Non-Conductive Base
Pin-Out	: Add Suffix "S" for Alternate Pin-Out

T-57-11

ORDER INFORMATION TABLE

MODEL NUMBER	INPUT VOLTAGE	OUTPUT VOLTAGE	OUTPUT CURRENT	INPUT CURRENT	
				FULL LOAD	NO LOAD
TP401NR	5VDC	5VDC	1000mA	85mA	1240mA
TP402NR	5VDC	12VDC	600mA	125mA	1820mA
TP403NR	5VDC	15VDC	500mA	125mA	1820mA
TP404NR	5VDC	±12VDC	±375mA	150mA	2160mA
TP405NR	5VDC	±15VDC	±300mA	150mA	2160mA
TP406NR	12VDC	5VDC	1000mA	35mA	500mA
TP407NR	12VDC	12VDC	600mA	50mA	730mA
TP408NR	12VDC	15VDC	500mA	50mA	730mA
TP409NR	12VDC	±12VDC	±375mA	60mA	880mA
TP410NR	12VDC	±15VDC	±300mA	60mA	880mA

NOTE: Alternate pin-out version. To order, add suffix "S" to the standard model number.

