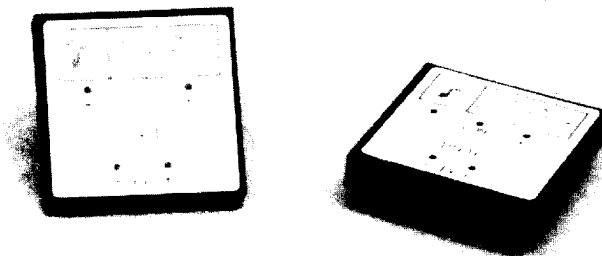


5 to 6 WATT SINGLE and DUAL OUTPUT DC-DC CONVERTERS

TP400 SERIES

Features:

- High Performance
 - Regulated Outputs
 - Pi Input Filter
 - Six-Sided Shield (Optional)
 - Short Circuit Protection
-



Specifications:

Input

Input Voltage Range	: $\pm 10\%$ or 2:1 Input "W2" Option, Except 5V Input = 4.5-6.0V
Input Filter	: Pi Network

Output

Voltage/Current Rating	: See Order Information Table
Voltage Tolerance	: $\pm 1.0\%$ (max)
Line Regulation	: 0.05% (typ)
Load Regulation	: 0.1% (typ)
Ripple and Noise	: 50mV (max) p-p (Single Output) 35mV (max) p-p (Dual Output)
Dielectric Withstand	: 500 VDC (min)
Isolation Resistance	: 10^9 ohms
Isolation Capacitance	: 80pF
Efficiency	: 65 - 75%
Switching Frequency	: 50 - 70 KHZ
Output Protection	: Short Circuit Protection Over Voltage Protection

Environmental

Operating Temperature	: -25°C to 71°C
Storage Temperature	: -40°C to 100°C
Temperature Coefficient	: $\pm 0.02\%/^{\circ}\text{C}$ (Single Output) $\pm 0.01\%/^{\circ}\text{C}$ (Dual Output)

Mechanical

Case Material	: Plastic or Black Copper Case with Non-Conductive Base
---------------	--

ORDER INFORMATION TABLE

MODEL NUMBER	INPUT VOLTAGE	OUTPUT VOLTAGE	OUTPUT CURRENT	INPUT CURRENT	
				NO LOAD	FULL LOAD
TP401	5VDC	5VDC	1000mA	60mA	1700mA
TP402	5VDC	12VDC	470mA	70mA	1750mA
TP403	5VDC	15VDC	400mA	70mA	1800mA
TP404	5VDC	±12VDC	±230mA	90mA	1700mA
TP405	5VDC	±15VDC	±190mA	90mA	1700mA
TP406	12VDC	5VDC	1000mA	40mA	690mA
TP407	12VDC	12VDC	470mA	40mA	700mA
TP408	12VDC	15VDC	400mA	40mA	750mA
TP409	12VDC	±12VDC	±230mA	60mA	710mA
TP410	12VDC	±15VDC	±190mA	60mA	710mA
TP411	24VDC	5VDC	1000mA	20mA	350mA
TP412	24VDC	12VDC	470mA	20mA	340mA
TP413	24VDC	15VDC	400mA	20mA	360mA
TP414	24VDC	±12VDC	±230mA	35mA	360mA
TP415	24VDC	±15VDC	±190mA	35mA	360mA
TP416	28VDC	5VDC	1000mA	20mA	290mA
TP417	28VDC	12VDC	470mA	20mA	300mA
TP418	28VDC	15VDC	400mA	20mA	310mA
TP419	28VDC	±12VDC	±230mA	25mA	290mA
TP420	28VDC	±15VDC	±190mA	25mA	290mA
TP421	48VDC	5VDC	1000mA	14mA	170mA
TP422	48VDC	12VDC	470mA	14mA	170mA
TP423	48VDC	15VDC	400mA	14mA	180mA
TP424	48VDC	±12VDC	±230mA	20mA	170mA
TP425	48VDC	±15VDC	±190mA	20mA	170mA

Note: To order wide input, add suffix "W2" to P/N (TP401W2, etc.)

