

TOTAL POWER INTERNATIONAL, INC.

查询TP800供应商

捷多邦, 专业PCB打样工厂, 24小时加急出货

T 57-11

TOTAL POWER INTERNATIONAL DBE D

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## 15 WATT SINGLE and DUAL OUTPUT DC-DC CONVERTERS.

### TP800 SERIES

#### Features:

- 4:1 Input Range
- 15W Isolated Outputs
- Up to 83% Efficiency
- Remote On/Off Control
- 100kHz Switching Frequency
- Six-Sided Shield



#### Specifications:

##### Input

Input Voltage Range	: See Order Information Table
Input Filter	: Pi Network
Reverse Voltage Protection	: Internal Shunt Diode

##### Output

Voltage/Current Rating	: See Order Information Table
Voltage Tolerance	: ±1% (max) Single Output : ±1% (max) + Dual Output : ±3% (max) - Dual Output
Output Adjustment	: ±10% External Trim
Line Regulation	: ±0.2% (max) Single/Dual Output
Load Regulation	: ±1% (max)
Ripple and Noise	: 10mV RMS (max), 75mV (max) p-p
Dielectric Withstand	: 500VDC (min)
Isolation Resistance	: 10 <sup>9</sup> ohms (min)
Efficiency	: See Order Information Table
Switching Frequency	: 100kHz
Output Protection	: Continuous Short Circuit Protection : OVP at 6.8V on 5V : OVP at 15V on 12V : OVP at 18V on 15V

##### Environmental

Operating Temperature	: -25°C to 71°C
Storage Temperature	: -55°C to 105°C
Temperature Coefficient	: ±0.02%/°C (max)

##### Other Features

: Remote On/Off Control

##### Mechanical

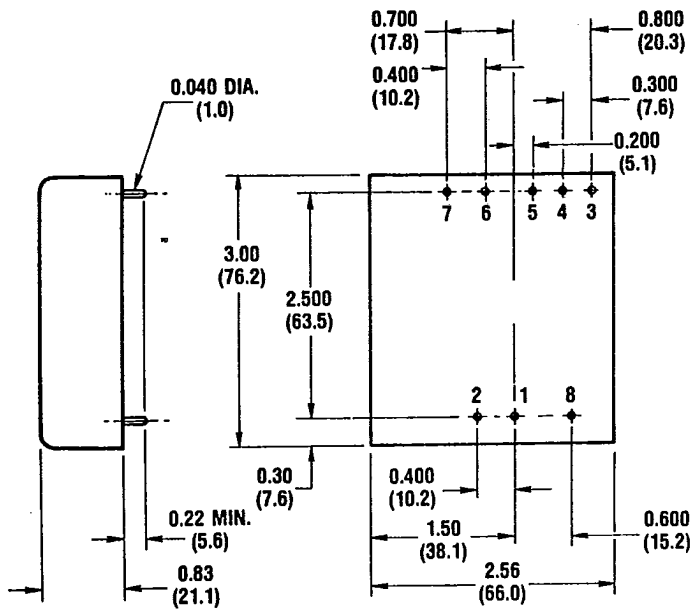
Case Material : Copper Case with Non-Conductive Base



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**ORDER INFORMATION TABLE**

Model Number	Nominal Input Voltage	Input Voltage Range	Output Voltage	Output Current	Input Current	
					No Load	Full Load
TP801	24VDC	9-36VDC	5VDC	3000mA	20mA	810mA
TP802		9-36VDC	12VDC	1250mA	20mA	780mA
TP803		9-36VDC	15VDC	1000mA	20mA	780mA
TP804		9-36VDC	±12VDC	±625mA	25mA	750mA
TP805		9-36VDC	±15VDC	±500mA	25mA	750mA
TP811	48VDC	18-72VDC	5VDC	3000mA	20mA	410mA
TP812		18-72VDC	12VDC	1250mA	20mA	390mA
TP813		18-72VDC	15VDC	1000mA	20mA	390mA
TP814		18-72VDC	±12VDC	±625mA	15mA	365mA
TP815		18-72VDC	±15VDC	±500mA	15mA	365mA



Bottom View

PIN CONNECTIONS		
PIN	SINGLE	DUAL
1	+ input	+ input
2	- input	- input
3	No Pin	+ output
4	Output Trim	Common
5	No Pin	- output
6	+ output	No Pin
7	- output	No Pin
8	On/Off	On/Off