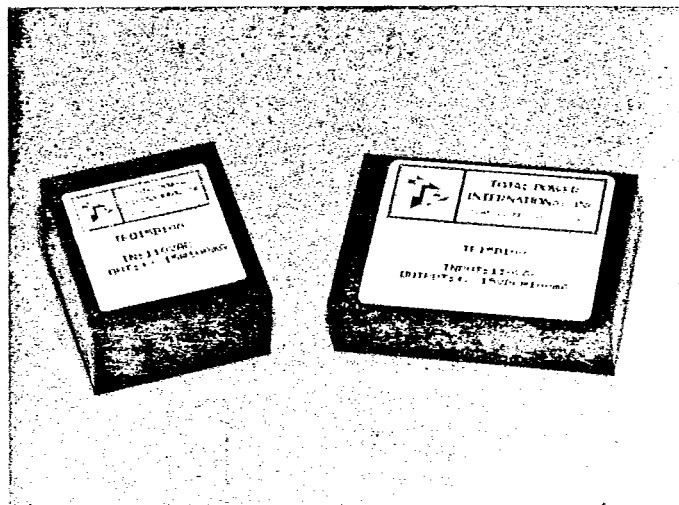


TOTAL POWER INTERNATIONAL, INC.

TOTAL POWER INTERNATIONAL DBE D 9097545 0000148 0

**1 to 10 WATT ENCAPSULATED
LINEAR POWER SUPPLIES****TP/TPQ SERIES****Features:**

- Industry Standard Pin-Outs
- Cost Effective
- Fully Encapsulated
- Split-Bobbin Transformer
- Excellent Regulation
- Low Ripple and Noise
- Single, Dual and Triple Outputs

**Specifications:****Input**

Input Voltage	: 105 to 125VAC
	: See Order Information Table for Options
Input Frequency	: 47 to 63Hz
	: 47 to 400Hz (Optional)

Output

Voltage/Current Rating	: See Order Information Table
Voltage Tolerance	: 1% (max)
Line Regulation	: 0.05%
Load Regulation	: 0.2% (5VDC Models)
	: 0.5%
Ripple and Noise	: 1mV RMS (max)
Dielectric Withstand	: 2500VAC
Output Protection	: OVP Trip Point at 6.5V on +5V Model Only
	: Continuous Short Circuit Protection

Environmental

Operating Temperature	: -25°C to 71°C
Storage Temperature	: -25°C to 85°C
Temperature Coefficient	: 0.02%/°C

ORDER INFORMATION TABLE

Model Number	Output Voltage	Output Current	Case
TP5S250	5Vdc	250mA	1A
TP5S500	5Vdc	500mA	1A
TP5S1000	5Vdc	1000mA	1B
TP5S2000	5Vdc	2000mA	1C
TP12S240	12Vdc	240mA	1B
TP12S400	12Vdc	400mA	1C
TP15S200	15Vdc	200mA	1B
TP15S350	15Vdc	350mA	1C
TP12D100	±12Vdc	±100mA	1A
TP12D200	±12Vdc	±200mA	1B
TP12D300	±12Vdc	±300mA	1C
TP15D100	±15Vdc	±100mA	1A
TP15D200	±15Vdc	±200mA	1B
TP15D300	±15Vdc	±300mA	1C
TP5S500/12D100	5/±12Vdc	500/100mA	1C
TP5S500/15D100	5/±15Vdc	500/100mA	1C
TP5S300/12D150	5/±12Vdc	300/150mA	1C
TP5S300/15D150	5/±15Vdc	300/150mA	1C
TPQ5S200	5Vdc	200mA	2
TPQ12D30	±12Vdc	±30mA	
TPQ15D30	±15Vdc	±30mA	
TPQ12D100	±12Vdc	±100mA	3
TPQ15D100	±15Vdc	±100mA	

Options:

220 Vac Input
240 Vac Input
100 Vac Input
2.0" Input Pin Configuration

SUFFIX

E
K
J
A

Fig. 1

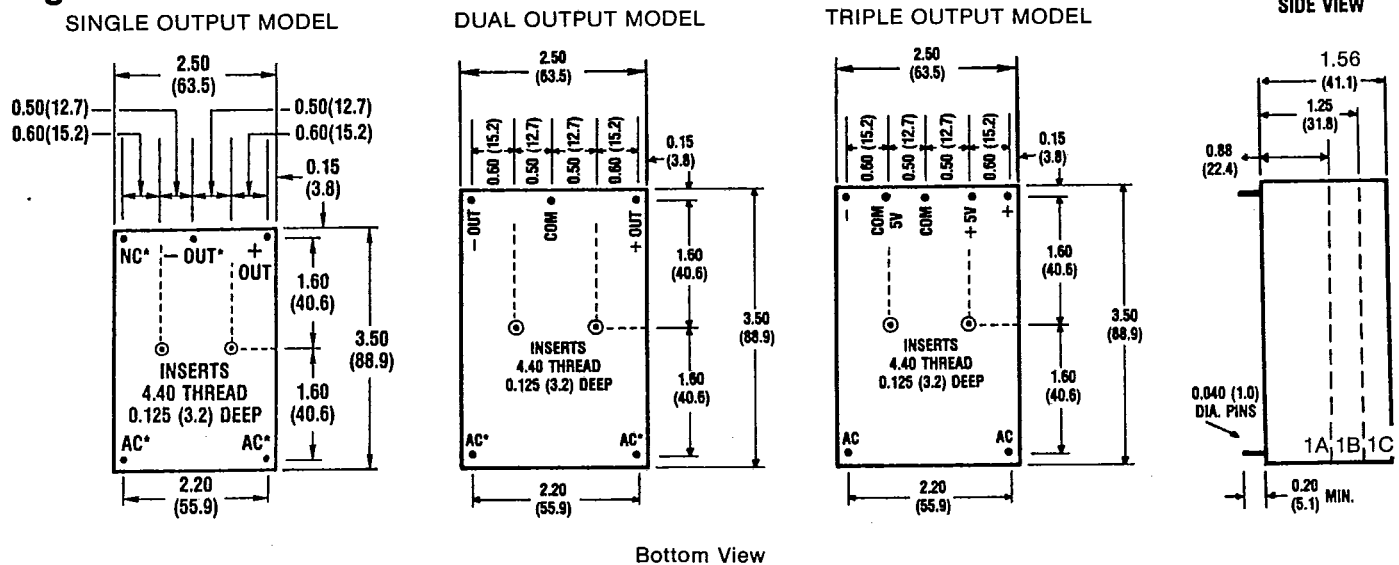


Fig. 2

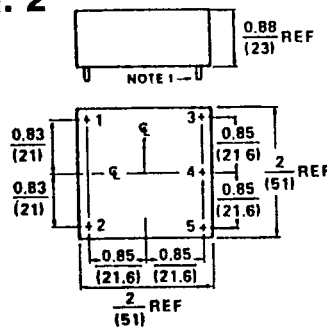
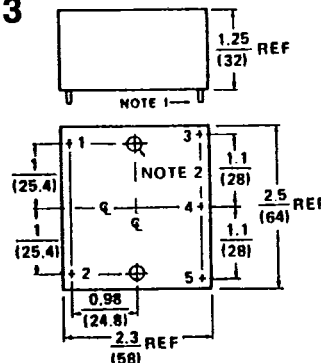


Fig. 3



PIN CONNECTIONS	
Pin	Connection
1	AC
2	AC
3	- Output
4	Common/NC
5	+ Output