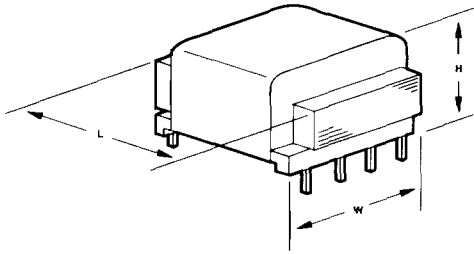


POWER TRANSFORMERS

PC MOUNT - FLAT PACK™



DESCRIPTION: The TRIAD Flat Pack power transformer from MagneTek is designed to meet the needs of low clearance PC board and solid state power designs. These units can also be used for control and instrumentation applications. Voltages and currents were chosen for widely used power applications. It is offered in a dual primary and dual secondary configuration.

SPECIFICATIONS:

Primary: 115/230 V, 50/60 Hz
 Hi-Pot Tested: 2,000 VRMS
 Low Profile: Allows 3/4" card spacing for 2.5 VA units
 Allows 1" card spacing for 6 VA units
 Allows 1 1/4" card spacing for 12VA units

Class B
 UL Recognized



UL File E53148

Flat Pack

20

Category	Model Numbers	Card Spacing	Primary Voltage	Primary Current	Secondary Voltage	Secondary Current	Card Spacing 1	Card Spacing 2	Card Spacing 3	Card Spacing 4	Card Spacing 5
A	FP10-250	2.5	10.0V CT @ 0.25A	5.0V @ 0.5A	0.650	1.562	1.875	1.600	0.375	5	
	FP12-200		12.6V CT @ 0.2A	6.3V @ 0.4A							
	FP16-150		16.0V CT @ 0.15A	8.0V @ 0.3A							
	FP20-125		20.0V CT @ 0.125A	10.0V @ 0.25A							
	FP24-100		24.0V CT @ 0.1A	12.0V @ 0.2A							
	FP30-85		30.0V CT @ 0.08A	15.0V @ 0.16A							
	FP34-75		34.0V CT @ 0.075A	17.0V @ 0.15A							
	FP40-60		40.0V CT @ 0.06A	20.0V @ 0.12A							
	FP56-45		56.0V CT @ 0.045A	28.0V @ 0.09A							
	FP88-28		88.0V CT @ 0.028A	44.0V @ 0.056A							
	FP120-20		120.0V CT @ 0.02A	60.0V @ 0.04A							
FP230-10	230.0V CT @ 0.01A	115.0V @ 0.02A									
B	FP10-600	6.0	10.0V CT @ 0.6A	5.0V @ 1.2A	0.875	1.562	1.875	1.600	0.375	7	
	FP12-475		12.6V CT @ 0.475A	6.3V @ 0.95A							
	FP16-375		16.0V CT @ 0.375A	8.0V @ 0.75A							
	FP20-300		20.0V CT @ 0.3A	10.0V @ 0.6A							
	FP24-250		24.0V CT @ 0.25A	12.0V @ 0.5A							
	FP30-200		30.0V CT @ 0.2A	15.0V @ 0.4A							
	FP34-170		34.0V CT @ 0.17A	17.0V @ 0.34A							
	FP40-150		40.0V CT @ 0.15A	20.0V @ 0.3A							
	FP56-100		56.0V CT @ 0.1A	28.0V @ 0.2A							
	FP88-65		88.0V CT @ 0.065A	44.0V @ 0.13A							
	FP120-50		120.0V CT @ 0.05A	60.0V @ 0.1A							
FP230-25	230.0V CT @ 0.025A	115.0V @ 0.05A									
C	FP10-1200	12.0	10.0V CT @ 1.2A	5.0V @ 2.4A	1.062	2.000	2.500	2.000	0.500	11	
	FP12-950		12.6V CT @ 0.95A	6.3V @ 1.9A							
	FP16-750		16.0V CT @ 0.75A	8.0V @ 1.5A							
	FP20-600		20.0V CT @ 0.6A	10.0V @ 1.2A							
	FP24-500		24.0V CT @ 0.5A	12.0V @ 1.0A							
	FP30-400		30.0V CT @ 0.4A	15.0V @ 0.8A							
	FP34-340		34.0V CT @ 0.34A	17.0V @ 0.68A							
	FP40-300		40.0V CT @ 0.3A	20.0V @ 0.6A							
	FP56-200		56.0V CT @ 0.2A	28.0V @ 0.4A							
	FP88-130		88.0V CT @ 0.13A	44.0V @ 0.26A							
	FP120-100		120.0V CT @ 0.1A	60.0V @ 0.2A							
FP230-50	230.0V CT @ 0.05A	115.0V @ 0.1A									

CT = Center Tap

TECHNICAL NOTES:

- Hi-pot tested at 2,000 VRMS.
- Split bobbin with side-by-side windings to reduce capacitance and eliminate the need for a static shield.

