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Triad Transformer Catalog

PC MOUNT - FLAT PACK

Description:

The Triad Flat Pack power transformer from Triad Magnetics 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:

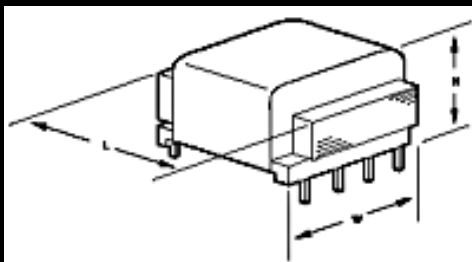
Primary: 115/230 V, 50/60 Hz

Hi-Pot Tested: 2,000 VRMS

Low Profile: Allows 3/4" card spacing for 2.5VA units

Allows 1" card spacing for 6VA units

Allows 1 1/4" card spacing for 12VA units



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[Class B](#)

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[UL File E53148](#)

FLAT PACK

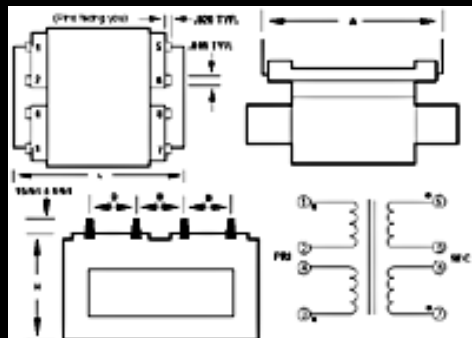
Type No.	VA	Secondary		Dimensions					Wt. Oz.
		Series	Parallel	H	W	L	A	B	
FP10-250	2.5	10.0V CT @ 0.25A	5.0V @ 0.5A	0.650	1.562	1.875	1.600	0.375	5
FP12-200	2.5	12.6V CT @ 0.2A	6.3V @ 0.4A	0.650	1.562	1.875	1.600	0.375	5
FP16-150	2.5	16.0V CT @ 0.15A	8.0V @ 0.3A	0.650	1.562	1.875	1.600	0.375	5
FP20-125	2.5	20.0V CT @ 0.125A	10.0V @ 0.25A	0.650	1.562	1.875	1.600	0.375	5
FP24-100	2.5	24.0V CT @ 0.1A	12.0V @ 0.2A	0.650	1.562	1.875	1.600	0.375	5
FP30-85	2.5	30.0V CT @ 0.08A	15.0V @ 0.16A	0.650	1.562	1.875	1.600	0.375	5
FP34-75	2.5	34.0V CT @ 0.075A	17.0V @ 0.15A	0.650	1.562	1.875	1.600	0.375	5
FP40-60	2.5	40.0V CT @ 0.06A	20.0V @ 0.12A	0.650	1.562	1.875	1.600	0.375	5
FP56-45	2.5	56.0V CT @ 0.045A	28.0V @ 0.09A	0.650	1.562	1.875	1.600	0.375	5
FP88-28	2.5	88.0V CT @ 0.028A	44.0V @ 0.056A	0.650	1.562	1.875	1.600	0.375	5
FP120-20	2.5	120.0V CT @ 0.02A	60.0V @ 0.04A	0.650	1.562	1.875	1.600	0.375	5

FP230-10	2.5	230.0V CT @ 0.01A	115.0V @ 0.02A	0.650	1.562	1.875	1.600	0.375	5
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	6.0	12.6V CT @ 0.475A	6.3V @ 0.95A	0.875	1.562	1.875	1.600	0.375	7
FP16-375	6.0	16.0V CT @ 0.375A	8.0V @ 0.75A	0.875	1.562	1.875	1.600	0.375	7
FP20-300	6.0	20.0V CT @ 0.3A	10.0V @ 0.6A	0.875	1.562	1.875	1.600	0.375	7
FP24-250	6.0	24.0V CT @ 0.25A	12.0V @ 0.5A	0.875	1.562	1.875	1.600	0.375	7
FP30-200	6.0	30.0V CT @ 0.2A	15.0V @ 0.4A	0.875	1.562	1.875	1.600	0.375	7
FP34-170	6.0	34.0V CT @ 0.17A	17.0V @ 0.34A	0.875	1.562	1.875	1.600	0.375	7
FP40-150	6.0	40.0V CT @ 0.15A	20.0V @ 0.3A	0.875	1.562	1.875	1.600	0.375	7
FP56-100	6.0	56.0V CT @ 0.1A	28.0V @ 0.2A	0.875	1.562	1.875	1.600	0.375	7
FP88-65	6.0	88.0V CT @ 0.065A	44.0V @ 0.13A	0.875	1.562	1.875	1.600	0.375	7
FP120-50	6.0	120.0V CT @ 0.05A	60.0V @ 0.1A	0.875	1.562	1.875	1.600	0.375	7
FP230-25	6.0	230.0V CT @ 0.025A	115.0V @ 0.05A	0.875	1.562	1.875	1.600	0.375	7
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	12.0	12.6V CT @ 0.95A	6.3V @ 1.9A	1.062	2.000	2.500	2.000	0.500	11
FP16-750	12.0	16.0V CT @ 0.75A	8.0V @ 1.5A	1.062	2.000	2.500	2.000	0.500	11
FP20-600	12.0	20.0V CT @ 0.6A	10.0V @ 1.2A	1.062	2.000	2.500	2.000	0.500	11
FP24-500	12.0	24.0V CT @ 0.5A	12.0V @ 1.0A	1.062	2.000	2.500	2.000	0.500	11
FP30-400	12.0	30.0V CT @ 0.4A	15.0V @ 0.8A	1.062	2.000	2.500	2.000	0.500	11
FP34-340	12.0	34.0V CT @ 0.34A	17.0V @ 0.68A	1.062	2.000	2.500	2.000	0.500	11
FP40-300	12.0	40.0V CT @ 0.3A	20.0V @ 0.6A	1.062	2.000	2.500	2.000	0.500	11
FP56-200	12.0	56.0V CT @ 0.2A	28.0V @ 0.4A	1.062	2.000	2.500	2.000	0.500	11
FP88-130	12.0	88.0V CT @ 0.13A	44.0V @ 0.26A	1.062	2.000	2.500	2.000	0.500	11
FP120-100	12.0	120.0V CT @ 0.1A	60.0V @ 0.2A	1.062	2.000	2.500	2.000	0.500	11
FP230-50	12.0	230.0V CT @ 0.05A	115.0V @ 0.1A	1.062	2.000	2.500	2.000	0.500	11

CT=Center Tap

Technical Notes:

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

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