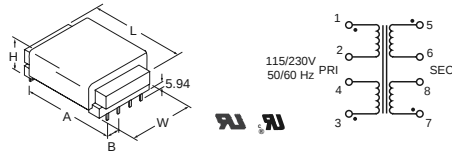


PC Mount - Pack Power Transformers

• Designed to meet the needs of low clearance PC board and solid state power designs. • Hi-Pot Test: 2,000 VRMS • Primary: 115/230V, 50/60 Hz • Class B UL Recognized, UL File E53148



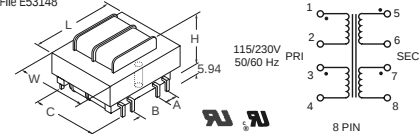
VA Size	H	W	L	A	B	Wt. Oz. (Gram)
2.5	0.650 (16.51)	1.562 (39.67)	1.875 (47.63)	1.600 (40.64)	0.375 (9.52)	5 (141.75)
6.0	0.875 (22.23)	1.562 (39.67)	1.875 (47.63)	1.600 (40.64)	0.375 (9.52)	7 (198.44)
12.0	1.062 (26.97)	2.000 (50.80)	2.500 (63.50)	2.000 (50.80)	0.500 (12.70)	11 (311.84)

VA (Size)	Parallel VAC @ A	Series VCT* @ A	Digi-Key Part No.	1	Price Each 50	100	PPC Part No.
2.5	5 @ 0.5	10 @ 0.25	237-1008-ND	10.76	7.13	6.23	FP10-250
	6.3 @ 0.4	12.6 @ 0.2	237-1009-ND	10.76	7.13	6.23	FP12-200
	8 @ 0.3	16 @ 0.15	237-1010-ND	10.76	7.13	6.23	FP16-150
	10 @ 0.25	20 @ 0.125	237-1011-ND	10.76	7.13	6.23	FP20-125
	12 @ 0.2	24 @ 0.1	237-1012-ND	10.76	7.13	6.23	FP24-100
	15 @ 0.16	30 @ 0.08	237-1013-ND	10.76	7.13	6.23	FP30-85
	17 @ 0.15	34 @ 0.075	237-1014-ND	10.76	7.13	6.23	FP34-75
	28 @ 0.09	56 @ 0.045	237-1015-ND	10.76	7.13	6.23	FP56-45
	5 @ 1.2	10 @ 0.6	237-1016-ND	12.00	8.18	7.21	FP10-600
	6.3 @ 0.95	12.6 @ 0.475	237-1017-ND	12.00	8.18	7.21	FP12-475
6.0	8 @ 0.75	16 @ 0.375	237-1018-ND	12.00	8.18	7.21	FP16-375
	10 @ 0.6	20 @ 0.3	237-1019-ND	12.00	8.18	7.21	FP20-300
	12 @ 0.5	24 @ 0.25	237-1020-ND	12.00	8.18	7.21	FP24-250
	15 @ 0.4	30 @ 0.2	237-1021-ND	12.00	8.18	7.21	FP30-200
	17 @ 0.34	34 @ 0.17	237-1022-ND	12.00	8.18	7.21	FP34-170
	28 @ 0.2	56 @ 0.1	237-1023-ND	12.00	8.18	7.21	FP56-100
	5 @ 2.4	10 @ 1.2	237-1000-ND	14.00	8.75	7.51	FP10-1200
	6.3 @ 1.9	12.6 @ 0.95	237-1001-ND	14.00	8.75	7.51	FP12-950
	8 @ 1.5	16 @ 0.75	237-1002-ND	14.00	8.75	7.51	FP16-750
	10 @ 1.2	20 @ 0.6	237-1003-ND	14.00	8.75	7.51	FP20-600
12.0	12 @ 1.0	24 @ 0.5	237-1004-ND	14.00	8.75	7.51	FP24-500
	15 @ 0.8	30 @ 0.4	237-1005-ND	14.00	8.75	7.51	FP30-400
	17 @ 0.68	34 @ 0.34	237-1006-ND	14.00	8.75	7.51	FP34-340
	28 @ 0.4	56 @ 0.2	237-1007-ND	14.00	8.75	7.51	FP56-200

*CT = Center Tap

PC Mount - Split Pack™ Power Transformers

• Split Pack split bobbin transformer for PC board applications. • Hi-Pot Test: 2,500 VRMS • Primary: 115/230V, 50/60 Hz • Class B UL Recognized, UL File E53148



VA Size	H	W	L	A	B	C	Wt. Lbs. (Kg)
1.1	.9375 (23.81)	1.125 (28.58)	1.375 (34.93)	.250 (6.35)	.250 (6.35)	1.20 (30.48)	.17 (.08)
2.5	1.1875 (30.16)	1.125 (28.58)	1.375 (34.93)	.250 (6.35)	.250 (6.35)	1.20 (30.48)	.25 (.11)
6.0	1.3125 (33.34)	1.3125 (33.34)	1.625 (41.28)	.250 (6.35)	.350 (8.80)	1.280 (32.51)	.44 (.20)
12.0	1.4375 (36.51)	1.5625 (39.69)	1.875 (47.63)	.30 (7.62)	.40 (10.16)	1.410 (35.81)	.70 (.32)

VA (Size)	Parallel VAC @ A	Series VCT* @ A	Digi-Key Part No.	1	Price Each 50	100	PPC Part No.
1.1	6.3 @ 0.18	12.6 @ 0.09	237-1024-ND	8.71	5.51	4.73	FS12-090
	8 @ 0.14	16 @ 0.07	237-1025-ND	8.71	5.51	4.73	FS16-070
	10 @ 0.11	20 @ 0.055	237-1026-ND	8.71	5.51	4.73	FS20-055
	12 @ 0.09	24 @ 0.045	237-1028-ND	8.71	5.51	4.73	FS24-045
	14 @ 0.08	28 @ 0.04	237-1029-ND	8.71	5.51	4.73	FS28-040
	18 @ 0.06	36 @ 0.03	237-1030-ND	8.71	5.51	4.73	FS36-030
	5 @ 0.5	10 @ 0.25	237-1031-ND	9.00	5.63	4.83	FS10-250
	6.3 @ 0.4	12.6 @ 0.2	237-1032-ND	9.00	5.63	4.83	FS12-200
	8 @ 0.3	16 @ 0.15	237-1033-ND	9.00	5.63	4.83	FS16-150
	10 @ 0.24	20 @ 0.12	237-1034-ND	9.00	5.63	4.83	FS20-120
2.5	12 @ 0.2	24 @ 0.1	237-1035-ND	9.00	5.63	4.83	FS24-100
	14 @ 0.17	28 @ 0.085	237-1036-ND	9.00	5.63	4.83	FS28-85
	18 @ 0.13	36 @ 0.065	237-1037-ND	9.00	5.63	4.83	FS36-65
	5 @ 1.2	10 @ 0.6	237-1038-ND	9.60	6.08	5.22	FS10-600
	6.3 @ 1.0	12.6 @ 0.5	237-1039-ND	9.60	6.08	5.22	FS12-500
	8 @ 0.8	16 @ 0.4	237-1040-ND	9.60	6.08	5.22	FS16-400
	10 @ 0.6	20 @ 0.3	237-1041-ND	9.60	6.08	5.22	FS20-300
	12 @ 0.5	24 @ 0.25	237-1042-ND	9.60	6.08	5.22	FS24-250
	14 @ 0.4	28 @ 0.2	237-1043-ND	9.60	6.08	5.22	FS28-200
	18 @ 0.34	36 @ 0.17	237-1044-ND	9.60	6.08	5.22	FS36-170
6.0	5 @ 2.4	10 @ 1.2	237-1045-ND	11.00	6.93	5.95	FS10-1200
	6.3 @ 2.0	12.6 @ 1.0	237-1046-ND	11.00	6.93	5.95	FS12-1000
	8 @ 1.6	16 @ 0.8	237-1047-ND	11.00	6.93	5.95	FS16-800
	10 @ 1.2	20 @ 0.6	237-1048-ND	11.00	6.93	5.95	FS20-600
	12 @ 1.0	24 @ 0.5	237-1050-ND	11.00	6.93	5.95	FS24-500
	14 @ 0.84	28 @ 0.42	237-1051-ND	11.00	6.93	5.95	FS28-420
	18 @ 0.7	36 @ 0.35	237-1052-ND	11.00	6.93	5.95	FS36-350

*CT = Center Tap

Switchmode / High Frequency Inductors Rod Core Inductors

DESCRIPTION:

TRIAD high current rod core inductors provide cost effective energy storage. By conditioning the output signal, the inductor smooths out the current waveform to provide a more stable current. These low cost inductors are designed to be compatible with automated P.C.B. installation.

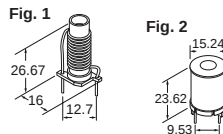


Fig.	± 15% Induct. µH	DC Rated Current	Max. DC Resist. (mOhms)	Lead Diameter Inch (mm)	Digi-Key Part No.	1	Price Each 50	100	PPC Part No.
High Current Rod Core Inductors									
1	2.54	11.60A	5.50	.050 (1.27)	237-1158-ND	2.44	1.60	1.36	FIRCH-1
	3.05	9.70A	7.30	.045 (1.14)	237-1159-ND	2.44	1.60	1.36	FIRCH-2
	3.60	8.10A	9.95	.040 (1.02)	237-1160-ND	2.44	1.60	1.36	FIRCH-3
	5.00	6.80A	14.10	.036 (.91)	237-1161-ND	2.44	1.60	1.36	FIRCH-4
	5.90	5.70A	18.50	.032 (.81)	237-1162-ND	2.44	1.60	1.36	FIRCH-5
	7.22	4.80A	26.10	.028 (.71)	237-1163-ND	2.44	1.60	1.36	FIRCH-6

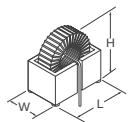
Fig.	10% Induct.	DC Rated Current	± 15% DC Resist. (Ohms)	Lead Diameter Inch (mm)	Digi-Key Part No.	1	Price Each 50	100	PPC Part No.
Rod Core Inductors									
2	5.6mH	.250A	6.100		237-1165-ND	2.71	1.77	1.51	RC-1
	3.9mH	.320A	3.900		237-1166-ND	2.71	1.77	1.51	RC-2
	2.5mH	.400A	2.450		237-1167-ND	2.71	1.77	1.51	RC-3
	1.5mH	.500A	1.530		237-1168-ND	2.71	1.77	1.51	RC-4
	915.0µH	.625A	1.000		237-1169-ND	2.71	1.77	1.51	RC-5
	560.0µH	.800A	.600	.032 (.81)	237-1170-ND	2.71	1.77	1.51	RC-6
	450.0µH	1.000A	.420		237-1171-ND	2.71	1.77	1.51	RC-7
	250.0µH	1.250A	.210		237-1172-ND	2.71	1.77	1.51	RC-8
	200.0µH	1.600A	.180		237-1173-ND	2.71	1.77	1.51	RC-9
	100.0µH	2.000A	.098		237-1175-ND	2.71	1.77	1.51	RC-10
	75.0µH	2.500A	.070		237-1176-ND	2.71	1.77	1.51	RC-11

237-1164-ND (FIRCH-KIT) 6 piece kit - one of each High Current Rod Core Inductors \$11.11
237-1177-ND (RC-KIT) 11 piece kit - one of each Rod Core Inductor \$27.78

Toroidal Inductors

DESCRIPTION: TRIAD toroidal inductors condition the output signal by leveling out the current waveform providing a more stable current supply.

TECHNICAL NOTES: • Nominal inductance values are typically 10% higher than minimum rating. • Biased inductance measured at rated DC amps.



Min. Induct. (µH)	Rated DC Amps	Max. DCR (mOhm)	Dims. - Inch (mm) L x W x H	Digi-Key Part No.	Price Each			PPC Part No.
No Bias	At Bias				1	50	100	
18.85	12.72	2.8	44.8	237-1178-ND	1.96	1.28	1.09	FIT44-1
14.75	9.82	3.4	30.7	237-1179-ND	1.96	1.28	1.09	FIT44-2
12.30	7.75	4.0	23.4	237-1180-ND	1.96	1.28	1.09	FIT44-3
8.06	5.22	4.8	15.9	237-1181-ND	1.96	1.28	1.09	FIT44-4
47.40	29.00	2.8	78.9	237-1182-ND	2.31	1.51	1.28	FIT50-1
35.48	23.77	3.4	57.8	237-1183-ND	2.31	1.51	1.28	FIT50-2
27.16	16.13	4.0	40.1	237-1184-ND	2.31	1.51	1.28	FIT50-3
21.65	12.27	4.8	29.2	237-1185-ND	2.31	1.51	1.28	FIT50-4
16.76	9.50	5.7	20.0	237-1186-ND	2.31	1.51	1.28	FIT50-5
12.50	6.75	6.8	14.0	237-1187-ND	2.31	1.51	1.28	FIT50-6
8.86	4.80	8.1	11.0	237-1188-ND	2.31	1.51	1.28	FIT50-7
89.50	57.99	2.8	108.0	237-1189-ND	2.80	1.83	1.55	FIT68-1
71.10	41.59	3.4	86.1	237-1190-ND	2.80	1.83	1.55	FIT68-2
54.81	33.05	4.0	59.9	237-1191-ND	2.80	1.83	1.55	FIT68-3
43.30	26.63	4.8	42.4	237-1192-ND	2.80	1.83	1.55	FIT68-4
33.15	18.79	5.7	28.8	237-1193-ND	2.80	1.83	1.55	FIT68-5
24.31	13.56	6.8	20.2	237-1194-ND	2.80	1.83	1.55	FIT68-6
18.64	10.23	8.1	14.8	237-1195-ND	2.80	1.83	1.55	FIT68-7
128.00	74.04	4.0	95.2	237-1196-ND	3.47	2.27	1.92	FIT80-1
107.50	58.05	4.8	67.9	237-1197-ND	3.47	2.27	1.92	FIT80-2
80.75	42.00	5.7	44.8	237-1198-ND	3.47	2.27	1.92	FIT80-3
65.04	31.60	6.8	32.8	237-1199-ND	3.47	2.27	1.92	FIT80-4
47.70	22.79	8.1	22.5	237-1200-ND	3.47	2.27	1.92	FIT80-5
38.07	18.11	9.7	17.0	237-1201-ND	3.47	2.27	1.92	FIT80-6
253.00	153.00	4.0	139.0	237-1202-ND	4.31	2.82	2.39	FIT106-1
197.00	113.00	4.8	106.0	237-1203-ND	4.31	2.82	2.39	FIT106-2
154.00	84.00	5.7	74.0	237-1205-ND	4.31	2.82	2.39	FIT106-3
116.00	61.90	6.8	48.5	237-1206-ND	4.31	2.82	2.39	FIT106-4
93.00	48.00	8.1	39.1	237-1207-ND	4.31	2.82	2.39	FIT106-5
70.05	35.30	9.7	24.0	237-1208-ND	4.31	2.82	2.39	FIT106-6