

Power Inductors, Chokes

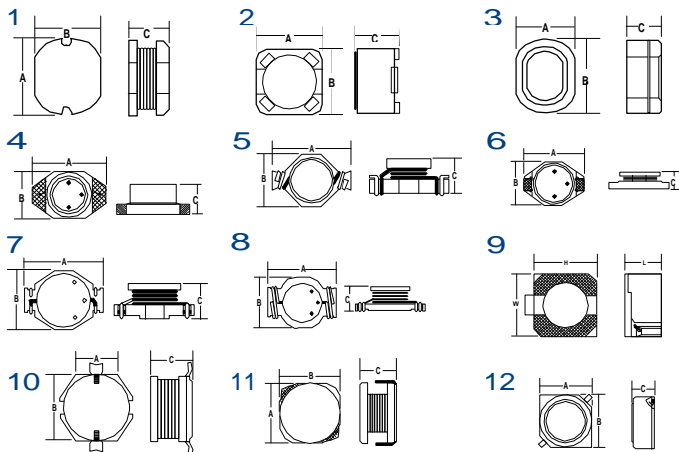
Low DCR, High Current, SMD Product Ranges

Apx series	Size	Inductance Range	Test Frequency	DC CURRENT MAX	FIGURE
AL0302-xxx	3.5x3.1x2.2	3.3 - 68	2.52MHz - 1KHz	1.50 - 0.06A	1
AL0403-xxx	4.5x4.0x3.2	1.0 - 68	7.96MHz - 2.52MHz	2.56 - 0.37A	1
AL0504-xxx	5.7x5.3x4.5	10 - 220	2.52MHz - 1KHz	1.44 - 0.35A	1
AL0703-xxx	7.8x7.0x3.5	10 - 330	2.52MHz - 1KHz	1.44 - 0.28A	1
AL0705-xxx	7.8x7.0x5.0	10 - 470	2.52MHz - 1KHz	0.08 - 0.34A	1
AL1004-xxx	10.0x9.0x4.0	10 - 560	2.52MHz - 1KHz	2.38 - 0.32A	1
AL1005-xxx	10.0x9.0x5.4	10 - 820	2.52MHz - 1KHz	2.60 - 0.24A	1
AL0062-xxx	6.6x6.2x3.0	2.9 - 330	7.96MHz - 1KHz	1.94 - 0.19A	2
AL0064-xxx	6.6x6.2x5.0	2.9 - 330	7.96MHz - 1KHz	1.94 - 0.19A	2
AL0073-xxx	7.3x7.3x3.5	10 - 1000	1KHz	1.68 - 0.16A	2
AL0074-xxx	7.3x7.3x4.5	10 - 1000	1KHz	1.84 - 0.18A	2
AL0124-xxx	12.0x12.0x5.0	3.9 - 330	100KHz	6.50 - 0.50A	2
AL0125-xxx	12.0x12.0x6.0	1.3 - 1000	7.96MHz - 1KHz	8.00 - 0.40A	2
AL1027-xxx	12.0x12.0x8.0	1.2 - 1000	100KHz - 1KHz	9.80 - 0.55A	2
AL1063-xxx	5.6x6.2x3.2	10 - 68	2.52MHz	1.00 - 0.42A	3
AL1074-xxx	7.0x7.8x4.5	10 - 270	2.52MHz - 1KHz	1.65 - 0.33A	3
AL1105-xxx	9.0x10.0x5.0	10 - 470	2.52MHz - 1KHz	2.06 - 0.33A	3

Apx series	Size	Inductance Range	DC CURRENT MAX	FIGURE
AL1608-xxx	6.60x4.45x2.92	1.0 - 10000	3.0 - 0.02A	4
AL1608B-xxx	6.60x4.45x2.92	1.0 - 1000	2.90 - 0.10A	4
AL1813-xxx	8.89x6.10x5.00	0.56 - 47	7.7 - 0.87A	5
AL3308-xxx	13.00x9.40x3.00	10 - 1000	2.4 - 0.10A	6
AL3316-xxx	13.21x9.91x6.35	0.33 - 4.7	20.0 - 5.4A	7
AL3316B-xxx	12.95x9.40x5.21	1.0 - 1000	9.0 - 0.3A	6
AL3316C-xxx	12.95x9.40x5.08	1.0 - 47	5.6 - 1.0A	6
AL3340-xxx	12.95x9.40x11.43	10 - 1000	8.0 - 0.1A	6
AL5022-xxx	22.35x16.26x8.00	.078 - 15	30.0 - 8.0A	8
AL5022B-xxx	12.70x15.24x18.54	1.0 - 1000	20.0 - 1.0A	6
AL5022C-xxx	18.54x15.24x7.11	10 - 1000	8.0 - 0.8A	6
AL3416-xxx	3.80x3.80x1.80	1.5 - 100	1.55 - 0.17A	8
AL4418-xxx	4.70x4.70x2.00	1.0 - 39	1.72 - 0.30A	9
AL4428-xxx	4.70x4.70x3.00	1.2 - 180	2.56 - 0.22A	9
AL5418-xxx	5.70x5.70x2.00	4.1 - 100	1.95 - 0.36A	9
AL5428-xxx	5.70x5.70x3.00	2.6 - 100	2.60 - 0.42A	9
AL6428-xxx	6.70x6.70x3.00	3.0 - 100	3.0 - 0.54A	9
AL6438-xxx	6.70x6.70x4.00	3.3 - 100	3.5 - 0.65A	9
AL2346-xxx	4.40x4.40x3.10	1.0 - 270	1.34 - 0.12A	10
AL0628-xxx	6.00x6.00x3.20	2.6 - 100	7.2 - 1.0A	11
AL7028-xxx	7.00x7.00x2.80	3.3 - 47	1.6 - 0.54A	12
AL7030-xxx	12.50x12.50x3.00	3.3 - 100	1.8 - 0.35A	12
AL7032-xxx	12.5x12.5x3.2	3.3 - 1000	1.9 - 0.13A	12
AL7045-xxx	12.5x12.5x4.5	3.3 - 1000	2.5 - 0.14A	12
AL12555-xxx	12.5x12.5x5.5	6.0 - 1500	3.6 - 0.29A	12
AL12565-xxx	12.5x12.5x6.5	2.0 - 220	10.0 - 1.0A	12
AL12575-xxx	12.5x12.5x7.5	1.2 - 33	13.0 - 3.2A	12

AL Series for APX Power Inductors
 XXX = Inductance code
 ie: 4.7=4R7 10=100 100=101

SMD Package Outlines



Additional related products: Current sensors, common and differential mode chokes, power factor controllers, HDLSL, HDLSL2, Transformers, Isolation Transformers, Driver Transformers, spring type air coils. Call or e-mail your requirements, and to request detailed data sheets and drawing

Power Chokes, Very cost effective, high volume manufacturing

Power Chokes Product Ranges

Vertical Bar Style, Figure 13

Series	Size Range (L X O.D)	Inductance Range	Rated Current Range
AC1xxx	30 x 15, p.15	3.3 - 12	25 - 8.0A
AC1xxx	30 x 13, p.12.5	4.7 - 12	20 - 7.0A
AC1xxx	25 x 11, p.10	3.3 - 12	18 - 7.0A
AC1xxx	25 x 9, p.8	3.9 - 12	12 - 3.0A
AC1xxx	20 x 7, p.6.5	1.8 - 10	9.0 - 2.0A
AC1xxx	15 x 5, p.5	1.2 - 5.6	6.0 - 1.0A

Vertical Mount Drum Style, Figure 14

Series	Size Range (L X O.D)	Inductance Range	Rated Current Range
AC2xxx	8 x 5.5, p.5	22 - 4700	1.7 - 0.1A
AC2xxx	8 x 7.5, p.5	22 - 5600	2.0 - 0.1A
AC2xxx	8 x 9.5, p.5	10 - 2200	2.6 - 0.2A
AC2xxx	10.5 x 8, p.5.5	10 - 1000	4.5 - 0.45A
AC2xxx	12.5 x 10, p.8.5	10 - 390	6.0 - 1.0A
AC2xxx	15 x 15, p.10	27 - 1000	6.0 - 1.0A

Amorphous Toroidal Chokes, Figure 15

Series	Size (O.D. x Width Range)	Inductance Range	Rated Current Range
AC3xxx	19.0 - 19.5 x >10mm	15 - 300	5.0 - 1.0A
AC3xxx	23 x >15mm	45 - 600	6.0 - 1.0A
AC3xxx	27.5 - 29.0 x >20mm	30 - 700	10.0 - 2.0A
AC3xxx	32.5 - 34.0 x >20mm	26 - 480	15.0 - 3.0A
AC3xxx	44.5 - 45.0 x >20mm	14 - 500	20.0 - 3.0A
AC3xxx	32.5 - 33.0 x <20mm	30 - 800	20.0 - 4.0A
AC3xxx	44.0 - 45.0 x <20mm	50 - 800	25.0 - 6.0A
AC3xxx	46.5 - 47.0 x <20mm	50 - 800	25.0 - 8.0A
AC3xxx	54.5 - 57.0 x <20mm	34 - 800	30.0 - 8.0A

Iron Powder Toroidal Chokes, Figures 15

Series	Size (O.D. x Width Range)	Inductance Range	Rated Current Range
AC4xxx	15 - 17 x >14mm	10 - 150	5.0 - 1.0A
AC4xxx	20 - 21 x >14mm	120 - 600	3.0 - 1.0A
AC4xxx	22 - 23 x >14mm	30 - 700	5.0 - 1.0A
AC4xxx	24 - 25 x >14mm	40 - 600	5.0 - 1.0A
AC4xxx	25 x <14mm	20 - 400	15.0 - 2.0A
AC4xxx	29 x <14mm	25 - 500	10.0 - 2.0A
AC4xxx	33.0 - 34 x <14mm	18 - 300	20.0 - 3.0A
AC4xxx	40 x <14mm	25 - 300	20.0 - 5.0A

Notes: Bar types available for horizontal mounting
 All toroids can be seated on bobbins

PART NUMBERS:

AC for APX chokes: Vertical

Bar Style: AC1xxx*

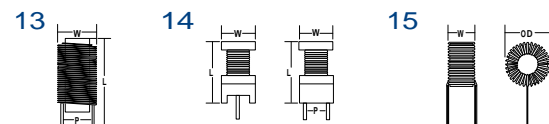
Drum: AC2xxx*

Amorphous Toroidal: AC3xxx*

Iron Powder Toroidal: AC4xxx*

*Inductance Code (next 3 characters:ie: 4.7 = 4R7 10 = 100 100 = 101)

Package Outlines

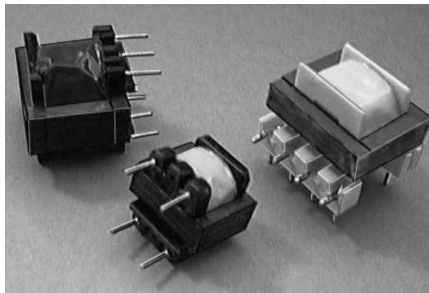


AUDIO, COUPLING TRANSFORMERS

General Purpose

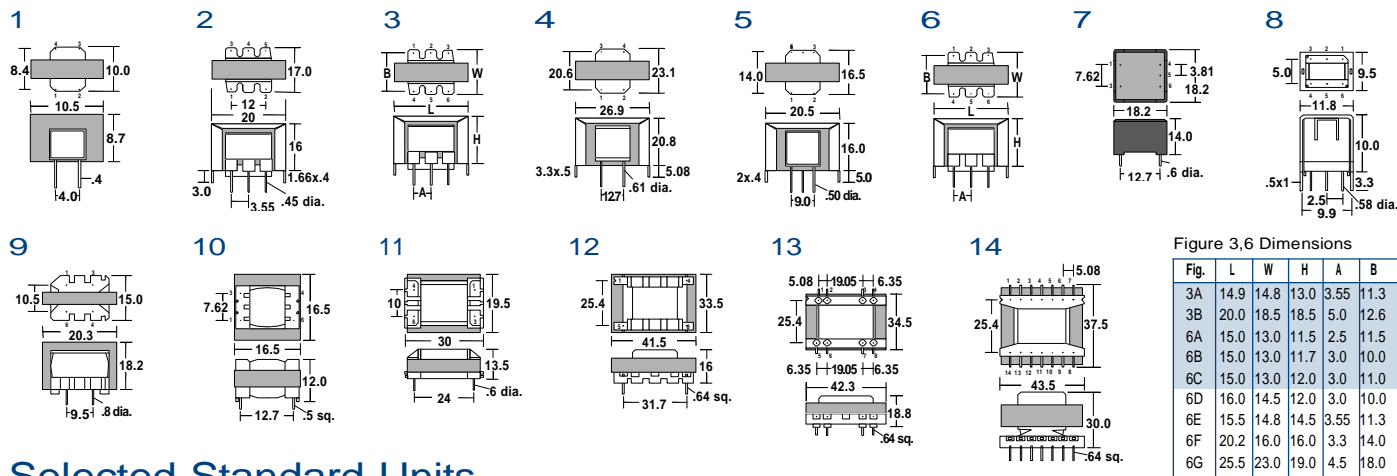
Types:

- u Audio impedance matching
- u Coupling
- u Modem
- u Pulse
- u ISDN and LAN
- u Open or encapsulated construction
- u PC or surface mount



APX excels in the design and production of telephone transformers. Modern offshore manufacturing with stringent quality control afford you the lowest, trouble-free installed cost.

We have the technical expertise to allow you to take your product's performance to where you want, whether your need is general purpose, a plug-in performance upgrade, or a totally new, specialized application.

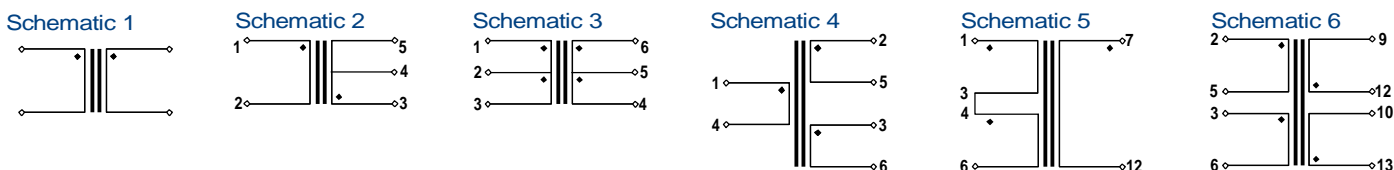


Selected Standard Units

Secondary impedance indicates the terminating resistance value

Part Number	Impedance		Insertion Loss @1Khz	Return Loss Min @300Hz	Frequency Response 300 to 3500Hz	DCR ±10%		DC unbal. Current	Dielectric Strength,VAC	Figure/Schematic
	PRI	SEC				PRI	SEC			
AP2711	600	600	1.7 dB	14 dB	±1.0 dB	56	72	0	1200	1/1
AP6000	600 CT	470 CT	1.2 dB	16 dB	±2.5 dB	68	102	0	1200	8/3
AP1698	20K CT	600 CT	NA	NA	±1.0 dB	700	65	0	1200	6A/3
AP1696	500 CT	500 CT	2.0 dB	21 dB	±.5 dB	44	34	0	1000	6B/3
AP1649	8K CT	1.7K CT	2.0 dB	NA	±1 dB	500	220	0	1000	6C/3
AP1544	500 CT	8 CT	1.8 dB	NA	±1 dB	32	1.5	0	1000	6D/3
AP6001	600	10K	0.5 dB	25 dB	±.15 dB	18	425	0	1250	10/1
AP1456	10K CT	2K CT	2.0 dB	NA	±2 dB	500	200	0	1000	3A/3
AP3120	600 CT	600 CT	1.8 dB	31 dB	±0.1 dB	60	50	0	1000	6E/3
AP1695	10K CT	5K CT	1.9 dB	NA	±0.5 dB	950	550	0	1000	6F/3
AP1156	620	620 CT	1.0 dB	34 dB	±0.5 dB	40	35	5 mA	1000	2/2
AP2697	600	600 CT	2.5 dB	8 dB	±3 dB	65	86	100 mA	1500	5/2
AP1160	300	600	1.2 dB	33 dB	±0.5 dB	30	50	0	1500	3B/4
AP1697	48 CT	8 CT	2.0 dB	NA	±1.0 dB	2.5	0.5	0	1200	6G/3
AP6002	12K	2.6K	1.0 dB	NA	±.25 dB	450	135	0	3750	7/1
AP6003	600	600	0.8 dB	26 dB	±0.5 dB	37	51	0	1250	9/1
AP1139	600	600	1.0 dB	13 dB	±1.0 dB	50	30	45 mA	1500	4/1
AP3214	600	600	1.8 dB	8 dB	±2.0 dB	72	100	80 mA	3750	11/1
AP6108	600 CT	600	1.2 dB	27 dB	±0.5 dB	65	80	80 mA	1500	3/5
AP3837	600	600	Telephone Feed Coil/1.5 H Min Inductance			210	210	80 mA	1500	12/1
AP2919	600	600	1.6 dB	26 dB	±0.5 dB	100	94	75 mA	1500	13/5
AP6004	600	600	0.5 dB	12 dB	±0.5 dB	20	20	100 mA	1500	14/6

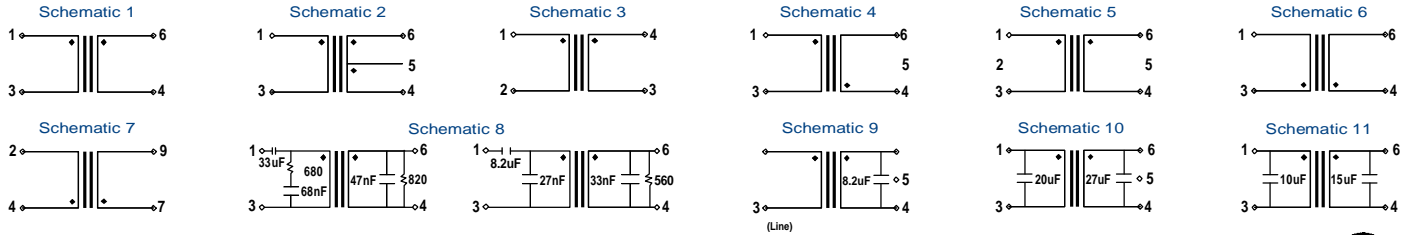
* If not listed here, chances are we've made it anyway. Please Fax specs or drawing for a prompt response.



Note: All dimensions in millimeters. Specifications subject to change.



TELECOMMUNICATIONS TRANSFORMERS



Selected Standard Units



Secondary impedance indicates the terminating resistance value

Part Number	Impedance ^a Secondary	Inductance Min	Insertion Loss, Max @ 1KHz, 1 vrms	Return Loss, Typical @ 3KHz	DC Resistance ± 10%		Turns Ratio: 1:1 Unless as Noted	Frequency Response @ 1KHz to 3.5KHz	T.H.D. Max @ 600Hz, -10dBm	High-Pot KVAC	Application	Compatible To	Figure/ Schematic
					PRI	SEC							
PC Mount													
AP6090	464		2.0 dB with 100 mADC in Pri	19.2 dB	80	100	.958:1	±1.5dB	-70 dB	1.25	9.6 Kbps	671-8271	1/1
AP6091	1200		1.6 dB with 90 mADC in Pri		75	190	.659:1	±0.5 dB		1.50	9.6 Kbps	671-1489	2/2
AP6092	385		3.0 dB with 100 mADC in Pri	19.3 dB	150	140		±2.0 dB	-84 dB	1.25	14.4 Kbps	671-8381	1/1
AP6093	560		1.6 dB with 90 mADC in Pri		75	100	.958:1	±0.75 dB		1.50	14.4 Kbps	671-8211	1/1
AP6094	535		1.4 dB with 90 mADC in Pri		75	100	.958:1	±0.5 dB		1.50	28.8 Kbps	671-8215	1/1
Low Profile PC Mount													
AP7007	563	1.3H	.85 dB	25 dB	43	43		±0.2 dB	-71 dB	1.25K	56 Kbps	671-1538	3/4
AP7008	374	8H	2.2 dB	15 dB	108	120		±0.25 dB	-82 dB	1.25K	56 Kbps	671-8262	3/4
AP6095	470		2.5 dB with 30 mADC in Pri	15 dB	108	120		±1.0 dB		1.25	14.4 Kbps	671-8001	4/3
AP6096	470		2.5 dB with 100 mADC in Pri	12 dB	108	120		±0.65 dB		1.25	14.4 Kbps	671-8005	4/3
AP6097	530	3H	1.0 dB	25 dB	43	43		±0.2 dB	-80 dB	1.25	56 Kbps	671-9372	5/3
AP6098	374	12H	2.0 dB	20 dB	108	120		±0.25 dB	-76 dB	1.25	56 Kbps	671-8025	5/3
AP6099	374	12H	2.0 dB	20 dB	108	120		±0.25 dB	-86 dB	1.25	56 Kbps	671-8056	5/3
AP7000	301	18H	3.0 dB	18 dB	150	150		±0.25 dB	-86 dB	1.25	56 Kbps	671-8079	5/3
AP7001	600	2.5H	1.0 dB	20 dB	25.1	20.3		±0.5 dB	-70 dB	1.25	56 Kbps	671-8000	5/3
AP7002	470		3.0 dB with 30 mADC in Pri	12 dB	108	120		±1.0 dB		1.50	Modem	671-8008	4/3
Surface Mount													
AP7003	301	1H	3.3 dB	25 dB	150	150		±0.15 dB	-76 dB	1.25	14.4 Kbps	671-8324 ¹	6/1
AP7004	301	1.2H	3.3 dB	25 dB	150	150		±0.15 dB	-80 dB	1.25	28.8 Kbps	671-8408 ²	6/1
AP7005	316	1.5H	3.0 dB	25 dB	155	150		±0.5 dB	-83 dB	1.25	33.6 Kbps	671-8332	7/5
AP7006	290	6H	3.3 dB	30 dB	141	171		±0.1	-85 dB	1.25	56 Kbps	671-9921	8/1
AP7009	287	1.5H	3.5 dB	14 dB	155	145		±0.1 dB	-82 dB	1.65	56 Kbps	671-8481	9/1
AP7010	294	3H	3.5 dB	25 dB	156	145		±0.25 dB	-76 dB	1.25	28.8 Kbps	671-8274 ³	10/5
AP7011	294	8H	3.5 dB	25 dB	156	145		±0.25 dB	-82 dB	1.25	56 Kbps	671-8392 ⁴	10/7
AP7012	287	1.5H	3.5 dB	14 dB	155	145		±0.1 dB	-82 dB	1.65	56 Kbps	671-8489	9/1
AP7013	348	2.5H	3.0 dB	20 dB	130	160		±0.15 dB	-80	1.65	56 Kbps	50624	9/6

^a PRI & SEC=600 ohms Each (ref) Designed to reflect 600 ohms on PRI with shown load on sec @ 1KHz, 1vrms. Note: Longitudinal Balance Typical: 60 dB, 60 Hz - 1KHz, 40 dB, 1KHz - 4KHz

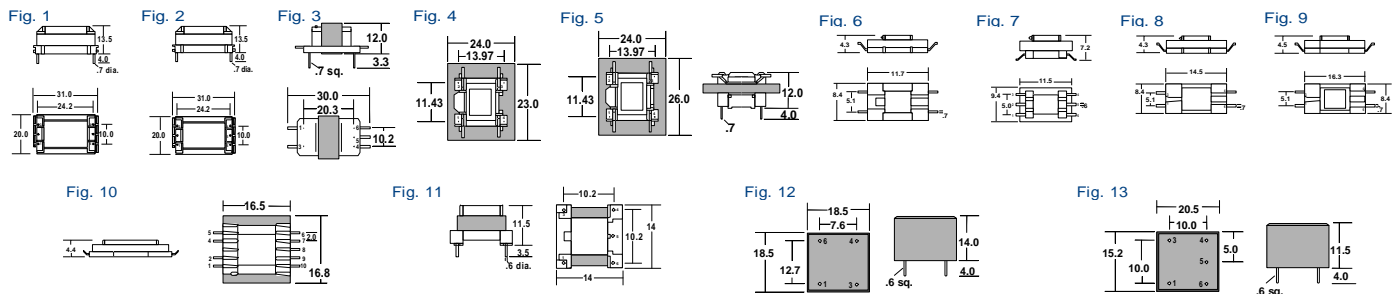
¹ Alternative Terminal Offsets for 671-8340, 41, 42, 43
² Alternative Terminal Offsets for 671-8409, 10, 11, 12

³ Alternative Terminal Offsets for 671-8284, 8324, 8333
⁴ Alternative Terminal Offsets for 671-8418, 19, 20

Part Number	Impedance Secondary	Inductance Typical	Insertion Loss Max @ 1KHz, 1 vrms	Return Loss Min @ 1KHz	DC Resistance ± 10%		Longitudinal Balance† (dB)	Turns Ratio: 1:1 Unless as Noted	Frequency Response @ 1KHz to 3.5KHz	T.H.D. Max @ 600Hz, -10dBm	High-Pot KVAC	Application	Compatible To	Figure/ Schematic
					PRI	SEC								
Pocket Laptop Modem														
AP7015	600	9H	1.25 dB	21 dB	46.5	67.6		92:1	±0.25 dB	-71 dB	1.25	9.6 Kbps	671-8255	11/1
AP7016	600	600mH (min)	1.50 dB	14 dB	52	59	60 to 4KHz		±0.5 dB	-68 dB	3.75	9.6 Kbps	671-8240	11/4
AP7017	442	12H	2.0 dB	21 dB	80	87			±0.25 dB	-76 dB	1.25	14.4 Kbps	671-8264	11/1
AP7018	442	1.1H (min)	2.0 dB	14 dB	86	91	60 to 4 KHz		±0.5 dB	-76 dB	3.75	14.4 Kbps	671-8265	11/4
AP7019	348	18H	3.25 dB	14 dB	152	151	60 to 4 KHz		±0.5 dB	-83.6 dB	3.75	56 Kbps	671-8291	11/4
International, Encapsulated Modem														
AP7020	470	13H	1.5 dB	21 dB	66	66	80 min		±0.4 dB	-68 dB	3.75	14.4 Kbps	671-8238	12/8
AP7021	472	1.5H on series	1.3 dB	14 dB	68	68			±0.2 dB	-76 dB	3.75	28.8 Kbps	671-8248	13/9
AP7022	470	13H	1.5 dB	21 dB	66	66	80 min		±0.4 dB	-85 min dB	3.75	33.6-56Kbps	671-8236	21/8
AP7023	385	12H on parallel	2.0 dB	14 dB	108	108	80 min		±0.2 dB	-80 min dB	3.75	33.6-56 Kbps	671-8334	13/10
AP7024	374	6H on parallel	2.5 dB	14 dB	108	108			±0.4 dB	-82 dB	3.75	33.6-56 Kbps	671-8285	12/11

^a PRI & SEC=600 ohms Each (ref) Designed to reflect 600 ohms on PRI with shown load on sec @ 1KHz, 1vrms
 † Longitudinal Balance: 60 dB min, 60 Hz-1KHz, 40 dB min, 1KHz-4KHz unless as noted

Fax or call for ADSL, HDSL, ISDN Transformers Requirements

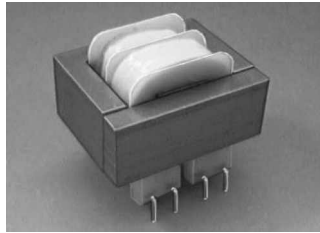


POWER TRANSFORMERS



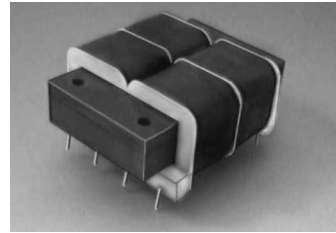
Split Bobbin Horizontal PC Mount

- u 2500 VRMS hipot/
Class B 130°C Insulation
- u Single 115VAC or
dual 115/230VAC primaries
- u Single or dual secondaries
for series or parallel
connection
- u Power ratings from
1.1 to 36VA



Low Profile Horizontal PC Mount

- u 1500 VRMS hipot/
Class B 130°C Insulation
- u Single 115VAC or
dual 115/230VAC primaries
- u Single or dual secondaries
for series or parallel
connection
- u Power ratings from
2 to 48VA



VA	Part Number*	Secondary RMS Rating	
		Series	Parallel
1.1	ST0110	10V CT @ 0.11A	5V @ 0.22A
2.4	ST0210	10V CT @ 0.25A	5V @ 0.5A
6.0	ST0610	10V CT @ 0.6A	5V @ 1.2A
12.0	ST1210	10V CT @ 1.2A	5V @ 2.4A
20.0	ST2010	10V CT @ 2.0A	5V @ 4.0A
36.0	ST3610	10V CT @ 3.6A	5V @ 7.2A
1.1	ST0112	12.6V CT @ 0.09A	6.3V @ 0.18A
2.4	ST0212	12.6V CT @ 0.2A	6.3V @ 0.4A
6.0	ST0612	12.6V CT @ 0.5A	6.3V @ 1.0A
12.0	ST1212	12.6V CT @ 1.0A	6.3V @ 2.0A
20.0	ST2012	12.6V CT @ 1.6A	6.3V @ 3.2A
36.0	ST3612	12.6V CT @ 2.85A	6.3V @ 5.7A
1.1	ST0116	16V CT @ 0.07A	8V @ 0.14A
2.4	ST0216	16V CT @ 0.15A	8V @ 0.3A
6.0	ST0616	16V CT @ 0.4A	8V @ 0.8A
12.0	ST1216	16V CT @ 0.8A	8V @ 1.6A
20.0	ST2016	16V CT @ 1.25A	8V @ 2.5A
36.0	ST3616	16V CT @ 2.25A	8V @ 4.5A
1.1	ST0120	20V CT @ 0.065A	10V @ 0.11A
2.4	ST0220	20V CT @ 0.12A	10V @ 0.24A
6.0	ST0620	20V CT @ 0.3A	10V @ 0.6A
12.0	ST1220	20V CT @ 0.6A	10V @ 1.2A
20.0	ST2020	20V CT @ 1.0A	10V @ 2.0A
36.0	ST3620	20V CT @ 1.8A	10V @ 3.6A
1.1	ST0124	24V CT @ 0.045A	12V @ 0.09A
2.4	ST0224	24V CT @ 0.1A	12V @ 0.2A
6.0	ST0624	24V CT @ 0.25A	12V @ 0.5A
12.0	ST1224	24V CT @ 0.5A	12V @ 1.0A
20.0	ST2024	24V CT @ 0.8A	12V @ 1.6A
36.0	ST3624	24V CT @ 1.5A	12V @ 3.0A
1.1	ST0128	28V CT @ 0.04A	14V @ 0.08A
2.4	ST0228	28V CT @ 0.085A	14V @ 0.17A
6.0	ST0628	28V CT @ 0.2A	14V @ 0.4A
12.0	ST1228	28V CT @ 0.42A	14V @ 0.84A
20.0	ST2028	28V CT @ 0.7A	14V @ 1.4A
36.0	ST3628	28V CT @ 1.3A	14V @ 2.6A
1.1	ST0136	36V CT @ 0.03A	18V @ 0.06A
2.4	ST0236	36V CT @ 0.065A	18V @ 0.13A
6.0	ST0636	36V CT @ 0.17A	18V @ 0.34A
12.0	ST1236	36V CT @ 0.35A	18V @ 0.7A
20.0	ST2036	36V CT @ 0.55A	18V @ 1.1A
36.0	ST3636	36V CT @ 1.0A	18V @ 2.0A
1.1	ST0148	48V CT @ 0.023A	24V @ 0.046A
2.4	ST0248	48V CT @ 0.05A	24V @ 0.1A
6.0	ST0648	48V CT @ 0.125A	24V @ 0.25A
12.0	ST1248	48V CT @ 0.25A	24V @ 0.5A
20.0	ST2048	48V CT @ 0.4A	24V @ 0.8A
36.0	ST3648	48V CT @ 0.75A	24V @ 1.5A
1.1	ST0156	56V CT @ 0.02A	28V @ 0.04A
2.4	ST0256	56V CT @ 0.045A	28V @ 0.09A
6.0	ST0656	56V CT @ 0.11A	28V @ 0.22A
12.0	ST1256	56V CT @ 0.22A	28V @ 0.44A
20.0	ST2056	56V CT @ 0.35A	28V @ 0.7A
36.0	ST3656	56V CT @ 0.65A	28V @ 1.3A
1.1	ST01120	120V CT @ 0.01A	60V @ 0.02A
2.4	ST02120	120V CT @ 0.02A	60V @ 0.04A
6.0	ST06120	120V CT @ 0.05A	60V @ 0.1A
12.0	ST12120	120V CT @ 0.1A	60V @ 0.2A
20.0	ST20120	120V CT @ 0.16A	60V @ 0.32A
36.0	ST36120	120V CT @ 0.3A	60V @ 0.6A

* For Dual Primary Specify STD

APX Power Transformer Capabilities: VDE Bobbins For international use High Frequency Ferrite bobbins

- Toroidal
- Multi-tap
- Planar
- Chokes
- Flyback

Custom designs from Micro power up and high volume at low cost

VA	Part Number*	Secondary RMS Rating	
		Series	Parallel
2.5	LP0210	10V CT @ .25A	5V @ .5A
6.0	LP0610	10V CT @ .6A	5V @ 1.2A
12.0	LP1210	10V CT @ 1.2A	5V @ 2.4A
24.0	LP2410	10V CT @ 2.4A	5V @ 4.8A
48.0	LP4810	10V CT @ 4.8A	5V @ 9.6A
2.5	LP0212	12.6V CT @ .2A	6.3V @ .4A
6.0	LP0612	12.6V CT @ .45A	6.3V @ .9A
12.0	LP1212	12.6V CT @ .9A	6.3V @ 1.8A
24.0	LP2412	12.6V CT @ 1.9A	6.3V @ 3.8A
48.0	LP4812	12.6V CT @ 3.8A	6.3V @ 7.6A
2.5	LP0216	16V CT @ .155A	8V @ .31A
6.0	LP0616	16V CT @ .35A	8V @ .7A
12.0	LP1216	16V CT @ .7A	8V @ 1.4A
24.0	LP2416	16V CT @ 1.5A	8V @ 3.0A
48.0	LP4816	16V CT @ 3.0A	8V @ 6.0A
2.5	LP0220	20V CT @ .125A	10V @ .25A
6.0	LP0620	20V CT @ .3A	10V @ .6A
12.0	LP1220	20V CT @ .6A	10V @ 1.2A
24.0	LP2420	20V CT @ 1.2A	10V @ 2.4A
48.0	LP4820	20V CT @ 2.4A	10V @ 4.8A
2.5	LP0224	24V CT @ .1A	12V @ .2A
6.0	LP0624	24V CT @ .25A	12V @ .5A
12.0	LP1224	24V CT @ .5A	12V @ 1.0A
24.0	LP2424	24V CT @ 1.0A	12V @ 2.0A
48.0	LP4824	24V CT @ 2.0A	12V @ 4.0A
2.5	LP0230	30V CT @ .085A	15V @ .170A
6.0	LP0630	30V CT @ .2A	15V @ .4A
12.0	LP1230	30V CT @ .4A	15V @ .8A
24.0	LP2430	30V CT @ .8A	15V @ 1.6A
48.0	LP4830	30V CT @ 1.6A	15V @ 3.2A
2.5	LP0234	34V CT @ .075A	17V @ .150A
6.0	LP0634	34V CT @ .17A	17V @ .34A
12.0	LP1234	34V CT @ .34A	17V @ .68A
24.0	LP2434	34V CT @ .7A	17V @ 1.4A
48.0	LP4834	34V CT @ 1.4A	17V @ 2.8A
2.5	LP0240	40V CT @ .06A	20V @ .12A
6.0	LP0640	40V CT @ .15A	20V @ .3A
12.0	LP1240	40V CT @ .3A	20V @ .6A
24.0	LP2440	40V CT @ .6A	20V @ 1.2A
48.0	LP4840	40V CT @ 1.2A	20V @ 2.4A
2.5	LP0256	56V CT @ .045A	28V @ .09A
6.0	LP0656	56V CT @ .1A	28V @ .2A
12.0	LP1256	56V CT @ .2A	28V @ .4A
24.0	LP2456	56V CT @ .425A	28V @ .85A
48.0	LP4856	56V CT @ .85A	28V @ 1.7A
2.5	LP0288	88V CT @ .028A	44V @ .056A
6.0	LP0688	88V CT @ .065A	44V @ .13A
12.0	LP1288	88V CT @ .13A	44V @ .26A
2.5	LP02120	120V CT @ .02A	60V @ .04A
6.0	LP06120	120V CT @ .05A	60V @ .1A
12.0	LP12120	120V CT @ .1A	60V @ .2A
2.5	LP02230	240V CT @ 0.01A	120V @ 0.02A
6.0	LP06230	240V CT @ 0.025A	120V @ 0.05A
12.0	LP12230	240V CT @ 0.05A	120V @ 0.1A

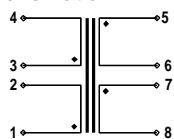
* For Dual Primary Specify LPD

VA	L	W	H	A	B	LC	MW	Pin	Mtg.
1.1	34.9	28.6	23.8	6.4	6.4	30.5	—	1.05	—
2.4	34.9	28.6	30.1	6.4	6.4	30.5	—	1.05	—
6.0	41.3	33.3	33.3	6.4	8.9	32.5	26.9	1.05	#4
12.0	47.6	39.7	36.5	7.6	10.2	35.8	31.8	1.05	#4
20.0	57.2	47.6	36.5	7.6	10.2	40.6	38.1	1.05	#4
36.0	66.7	55.5	39.7	10.2	10.2	47.0	†	1.05	†

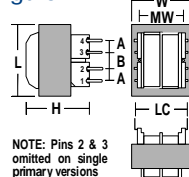
† Size 36VA has 4 mtg. holes on 55.37 x 44.45 centers for a #6 screw.

VA	L	W	H	A	B	LC	MW	Pin	Mtg.
2.5	47.5	39.6	16.5	9.5	9.5	40.6	—	1.04 x 0.51	—
6.0	47.5	39.6	21.6	9.5	9.5	40.6	—	1.04 x 0.51	—
12.0	63.5	50.8	27.1	12.7	12.7	50.8	—	1.04 x 0.51	—
24.0	72.9	57.2	31.8	15.2	13.5	48.3	61.2	1.04	#4
48.0	79.2	63.5	34.9	15.2	16.8	55.4	66.5	1.04	#6

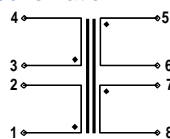
Schematic



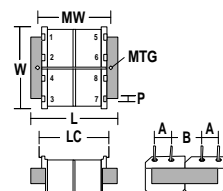
Figure



Schematic



Figure



Note: All dimensions in millimeters. Specifications subject to change.

