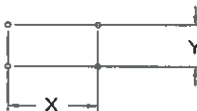
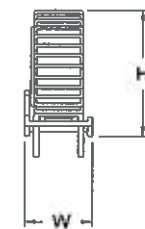
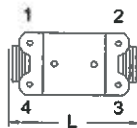
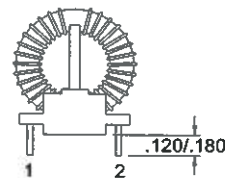




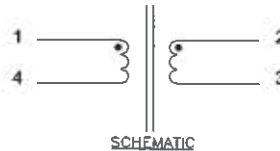
TIGHTpak™ Toroidal Common Mode Line Choke

Actown's Toroid style of common mode chokes are designed with patented TIGHTpak technology. Within a single layer winding 70% more turns are achievable over a traditional winding using the same size core and wire gauge.

Parts are constructed to an industry standard footprint. Materials comply with 94V-0 flammability specifications. A 3mm spacer between each winding provides creepage and clearance to comply with UL, CSA, and IEC safety specifications.



Recommended Board Layout



Part Number	Inductance min (mH)	Current Rating Amps	Leakage Inductance max (uH)	SRF typ (Khz)	DCR max (ohms)	L Max	W Max	H Max	X (inches)	Y (inches)	Lead Diameter Nom	PC Board Hole Diameter
TPCM-2.8-3	2.83	3	50	755	0.049	1.15	0.70	1.15	0.80	0.40	0.029	0.047
TPCM-3.9-3	3.93	3	71	550	0.063	1.20	0.70	1.30	0.80	0.40	0.029	0.047
TPCM-1.7-5	1.73	5	31	1070	0.025	1.15	0.70	1.15	0.80	0.40	0.036	0.055
TPCM-2.4-5	2.41	5	45	775	0.036	1.20	0.70	1.30	0.80	0.40	0.036	0.055
TPCM-6.6-5	6.61	5	94	450	0.059	1.50	1.00	1.50	1.20	0.70	0.036	0.055
TPCM-1.0-8	1.00	8	18	1500	0.013	1.15	0.70	1.15	0.80	0.40	0.045	0.067
TPCM-4.4-8	4.35	8	60	545	0.036	1.50	1.00	1.50	1.20	0.70	0.045	0.067
TPCM-7.0-8	6.96	8	109	350	0.044	1.70	1.00	1.80	1.20	0.70	0.045	0.067
TPCM-0.8-10	0.80	10	14	1480	0.010	1.15	0.70	1.15	0.80	0.40	0.051	0.070
TPCM-3.3-10	3.27	10	49	635	0.022	1.50	1.00	1.50	1.20	0.70	0.051	0.070
TPCM-5.6-10	5.57	10	83	400	0.031	1.70	1.00	1.80	1.20	0.70	0.051	0.070
TPCM-3.8-13	3.78	13	65	510	0.021	1.75	1.00	1.75	1.20	0.70	0.057	0.079

Current rating based on 250 circular mils/amp

Inductance measured @ 10Khz .10Vrms

Electrical specifications at 25C

Operating temperatures -40C to 85C

1500 Vrms dielectric between windings



AMVECO STANDARD SERIES INDUCTORS



In addition to toroidal transformers, Amveco designs and manufactures toroidal chokes for DC-filtering and AC-circuits. As with transformers, toroidal chokes also offer significant savings in both size and weight compared to a laminated core. Presently, we manufacture chokes from 0.2 Ws to 25 Ws. AMVECO has developed its own design software which allows us to design and manufacture to your specific needs. With in-house capabilities for both core-making and core-cutting, we can offer fast turn-around for both prototypes and production units.



AMVECO Inductors

Part Number	Current I DC (A)	Current RMS	L (mH)	Power (WS)	Losses Core-Copper	OD x HT (Inches)	OD x HT (mm)	WT (lbs.)	WT (kg)
L2010	20	14.1	10	2	5 - 23.2	5.5 x 2.4	140 x 61	8	3.6
L2015	20	14.1	15	3	7 - 28.4	5.9 x 2.8	150 x 71	11.5	5.2
L2020	20	14.1	20	4	8 - 32.8	6.5 x 2.8	165 x 71	14	6.4
L2040	20	14.1	40	8	12 - 42.8	8.0 x 3.5	203 x 89	27	12.3
L3005	30	21.2	5	2.25	5 - 26.1	5.5 x 2.4	140 x 61	8.5	3.9
L3010	30	21.2	10	4.5	8 - 37.8	6.5 x 2.8	165 x 71	15	6.8
L3015	30	21.2	15	6.75	11 - 45.9	8.0 x 3.0	203 x 76	22	10.0
L3020	30	21.2	20	9	13 - 43.2	8.0 x 3.5	203 x 89	28	12.7
L4005	40	28.3	5	4	8 - 32	6.5 x 2.8	165 x 71	14	6.4
L4010	40	28.3	10	8	13 - 43.2	8.0 x 3.5	203 x 89	27	12.3
L4015	40	28.3	15	12	20 - 56	10 x 3.4	254 x 86	39	17.7
L5005	50	35.3	5	6.25	11 - 35	8.0 x 3.0	203 x 76	23	10.4
L5010	50	35.3	10	12.5	20 - 57.5	10.0 x 3.4	254 x 86	39	17.7
L6005	60	42.4	5	9	12 - 43.2	8.0 x 3.5	203 x 89	29	13.2

POWER TRANSFORMERS FOR AUDIO APPLICATIONS

Features

- Power Transformers for Audio Applications
- UL 6500 Audio Standard
- Low Audible Noise
- Low Magnetic Stray Field
- Non-Encapsulated Units
- Metal Disk Mounting



OFF-THE-SHELF, STANDARD TRANSFORMERS

Primary 117v/60Hz

Nominal Power VA	Secondary Voltage V	Secondary Current A	Secondary No Load Voltage V	Diameter Inch/mm	Height Inch/mm	Weight Lbs/kg	Part Number
100	2x 9	5.55	10.5	3.4/87	1.5/38	1.7/78	60102
	2x12	4.17	14.1				60103
	2x15	3.33	17.6				60104
	2x18	2.78	21.1				60105
240	2x15	8.00	16.5	4.0/102	1.8/46	3.3/1.5	60242
	2x18	6.67	19.8				60243
	2x24	5.00	26.4				60244
	2x30	4.00	33.0				60245
400	2x15	13.33	16.3	4.5/115	2.2/57	5.3/2.4	60402
	2x18	11.11	19.5				60403
	2x24	8.33	26.0				60404
	2x30	6.67	32.5				60405
600	2x15	20.00	15.9	5.3/135	2.3/58	7.7/3.5	60601
	2x18	16.67	19.1				60602
	2x24	12.50	25.4				60603
	2x30	10.00	31.8				60604
1000	2x24	20.83	25.6	6.5/165	2.4/62	13.0/5.9	61001 61001
	2x30	16.67	31.2				61002 61002



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