Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

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HAMMOND MANUFACTURING

Quality Products. Service Excellence.

Audio Open Frame *148 Series*

PC Board Mount

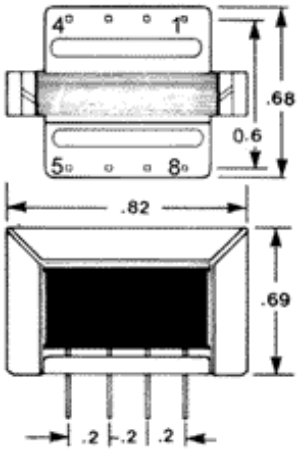
RoHS

Features

- Pin type (0.25" length & 0.025" square), P.C. board mount.
- Economical, open type, horizontal bracket construction. 149 Series includes clinching lugs for extra mounting strength.
- Frequency response 200 Hz. - 15 Khz. (+/- 1 db, ref. @ 1 Khz.).
- Total distortion approximately 2% for drivers and 1% for outputs at 200 Hz., decreasing at higher frequencies.
- Insertion loss less than 1/2 db.
- Bifilar wound for balanced capacitive and resistance characteristics, on pin bobbins for standard 0.2" grid pin spacing.
- Insulation test 250V rms.
- For rugged epoxy cast type units refer to our **102**, **104**, **106** or **107**, **108** and **109** series.
- Net weight: 0.6 oz. (148 Series) & 1.0 oz. (149 Series).

Notes:

1) For output transformers the current figure is for maximum unbalanced current.
2) D.C. resistance shown is for the total primary or secondary windings (ie...if unit contains multiple primary or secondary windings the figure shown is with the windings connected in series).



148 Series Schematics (See Table Below)

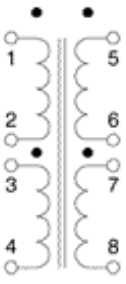


Fig. 1

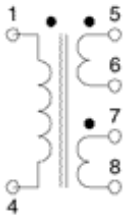


Fig. 2

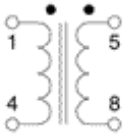


Fig. 3

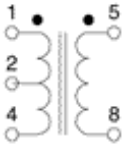


Fig. 4

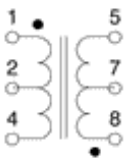


Fig. 5

Part No.	Applicaton	Nominal Impedance (Ohms) Primary	Nominal Impedance (Ohms) Secondary	Max. Primary D.C. current (ma.) (See Note 1)	D.C. Resistance (Ohms) +/- 15% (See Note 2) Primary	D.C. Resistance (Ohms) +/- 15% (See Note 2) Secondary	Output (Milliwatts)	Schematic Drawing Figure
148A	Input	150/600	600/2400	1.9	45	300	300	1
148B	Input	150	400/1600	3.8	11.3	200	300	2
148C	Input	50000	250/1000	0	1760	25.4	12	2
148D	Input	200K	1000	0	1760	6.2	3	3
148E	Driver	500	125/500	18	79	60	75	2
148F	Driver	1500	125/500	11.6	220	58	75	2
148H	Driver	3000	250/1000	7.5	480	107	75	2
148K	Driver	4000	500/2000	6.5	540	230	75	2
148M	Driver	6000	500/2000	5.3	850	230	75	2
148Q	Driver	10000	500/2000	4.1	1700	238	75	2
148R	Driver	20000	250/1000	2.4	2230	123	50	2
148T	Output	500 ct	3.2	2.1	41	0.34	300	4
148V	Output	600 ct	150 ct	1.9	45	14	300	5
148X	Output	4000 ct	3.2	0.8	380	0	300	4
148Y	Output	5000 ct	500 ct	0.7	410	52	300	5

Data subject to change without notice