

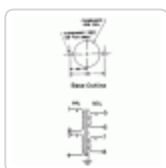


*Quality Products. Service Excellence.*

## Audio Broadcast Quality 800 Series

**Note:** This product line has been discontinued as a stocked series. Information is for reference only. It has been replaced with **800A Series**. For alternative solution assistance, please contact Hammond Customer Service - [sales@hammfg.com](mailto:sales@hammfg.com) or USA (716) 630-7030, Canada and International (519) 822-2960.

### Features



- Deep-drawn steel case with tin plated finish, with two convenient 6-32 mounting studs with hardware.
- Hermetically sealed for stable characteristics and long life. Header has nine 0.22" long solder pins.
- Frequency response +/- 0.5 db max. from 50 Hz. to 15 KHz.
- Insertion loss of apx. 1 db.
- Maximum power level +15 dbm. (except 841, 842 & 844 which are +20 dbm) with specified characteristics, or higher levels with reduced low frequency performance.
- Electrostatic shield between pri. & sec. connected to terminal 9.
- Humbucking construction
- Balanced split windings on pri. & sec. for circuit versatility. Primary may be used as a secondary and vice versa for impedance matching.
- Overall dimensions 1.75" (44.5 mm) wide x 1.25" (31.8 mm) deep x 2.56" (65 mm) high max.
- Shipping weight 0.5 lb. (0.2 kg)



Part No.	Application	Nominal Impedance (Ohms)		Max. Primary D.C. Unbalanced Current (ma.)
		Primary	Secondary	
801	Isolating, Matching	*50/200	50/200	0.8
802	Isolating, Matching	*50/200 (60/240)	125/500 (150/600)	0.8
804	Isolating, Matching, Hybrid	*125/500 (150/600)	125/500 (150/600)	0.5
806	Dynamic MIC or Voice Coil to Grid	*7.5/30	10K/40K	1.6
807	Dynamic MIC or Voice Coil to Base	*7.5/30	600/2400	1.6
808	MIC or Mixer to Single or P.P. Grid	*50/200	10000/40000	0.6
809	MIC to Mixer to Base	*50/200	600/2400	0.6
812	Line or 150 ohm MIC to 1 or 2 Grids	*125/500 (150/600)	10K/40K (12K/48K)	0.4
813	Line or 150 ohm MIC to Base	*125/500 (150/600)	600/2400 (720/2880)	0.4
832	Interstage (ratio 1:2)	5K/20K	20K/80K	0
834	Interstage (ratio 1:4)	5K/20K	10K/40K	0
835	Interstage (ratio 1:1)	10K/40K	10K/40K	0
841	** P.P. Plates to Line	5K/20K	50/200	0
842	** P.P. Plates to Line	5K/20K (6K/24K)	125/500 (150/600)	0
844	** P.P. Plates to Line	10K/40K (12K/48K)	125/500 (150/600)	0

#### NOTES:

\* Electrostatic shield between primary & secondary

\*\* Single plate requires parallel feed. When operating at impedances below nominal, power capability is lower and the frequency spectrum is shifted downward, conversely, at higher impedances power capability and frequency spectrum will be shifted upward.

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