

**P/N: HD-5624 DATA SHEET****Feature**

- Designed to meet UL 1950 and IEC 950 safety requirements.
- Meets IEC 695,2-2 flammability requirements.
- PWB Process Capability : standard printed wiring board assembly techniques, total-immersion cleaning.
- Reliability testing : shock, vibration, temperature cycling, temperature – humidity – bias.
- Minimum inter winding breakdown voltage 1500 Vrms.
- Operating Temperature: -10°C to +60°C.
- Storage Temperature: -25°C to +75°C.

**Electrical Specifications @ 25°C**

Part Number	Turn Ratio ( $\pm 2\%$ )	DCR ( $\Omega$ Max)	Return Loss <sup>1</sup> (dB Max)	Insertion Loss <sup>2</sup> (dB Max)
	(1-3):(2-4):(8-6):(7-5)	(1-4)	(10-7)	
HD-5624	1:1:2:2	6	-7	-10

4

**Additional Specifications**

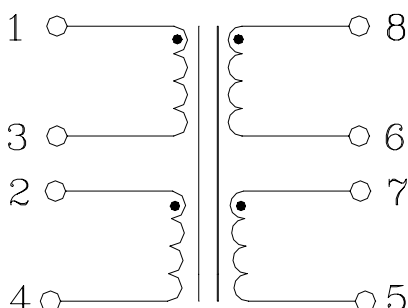
Part Number	Longitudinal Balance <sup>3</sup> (dB Min)	Harmonic Distortion <sup>4</sup> (dB Min)	Inductance <sup>5</sup> (mH $\pm 10\%$ )
			(1-4), (2+3)short
HD-5624	-60	-85	3.125

1. Measured at 100 kHz to 1MHz

3. Measured at 20 kHz to 1MHz

5. Measured at 10 kHz, connect 2 to 3

2. Measured at 1 kHz to 2MHz

4. Measured at 3.5 Vrms, 10kHz,  $R_s = 135\Omega$ ,  $R_L = 33.8\Omega$ **Schematic****Mechanical**