

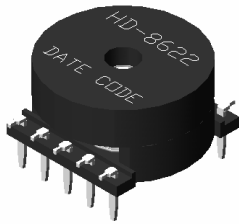


HD-8622

### HDSL TRANSFORMERS

### P/N: HD-8622 DATA SHEET

#### Feature



- Designed exceed standards for ANSI and ETSI.
- Excellent THD performance .
- Maximum height 0.500" (12,70mm).
- Matched to Brooktree' s ICs.
- Operating Temperature.: -10 to+60 .
- Storage Temperature.: -25 to +75 .

#### Electrical Specifications @ 25°C

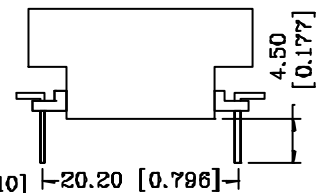
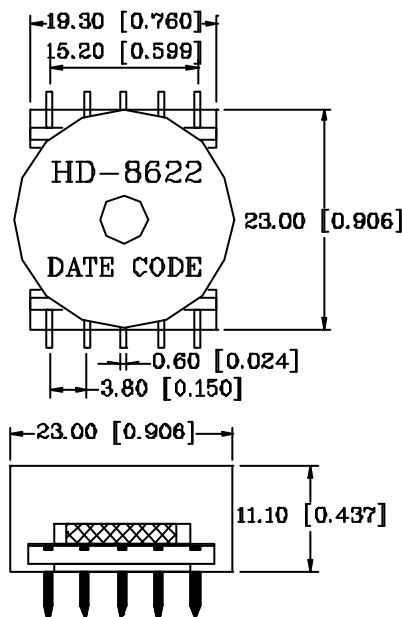
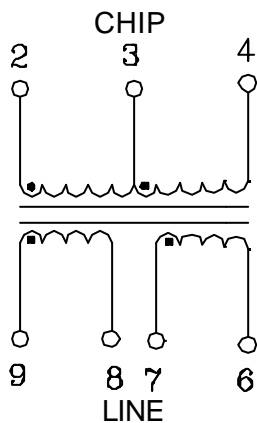
Part Number	Matched To Brooktree IC NO.	Application	Turns Ration Chip-Line (±2%)	Inductance Line Side (mH)	DC Current Capability (mA)	Leakage Inductance (uH Max)	Isolation Voltage (Vrms)	Mounting
HD-8622	BT8952	1168 Kbps	2CT : 1 : 1	2.0±6%	160	16	1500	THT

#### Electrical Specifications @ 25°C

Part Number	DCR Line Side (O Max)	DCR Chip Side (O Max)	Return Loss (dB Min)			Longitudinal Balance (dB Min @ 135O)	THD (dB Max @ 135O)
	(6-7), (8-9)	(2-4)	4 KHz-2MHz	4 -20 KHz	40-320KHz		
HD-8622	2.2	4.4	-4	-	-16.5	-55 @ 292 KHz	-75 @ 200KHz, 6Vpp

#### Schematic

#### Mechanical



Units: mm[Inches] Tolerances: xx.x0±0.25[0.010]  
0.xx±0.05[0.002]