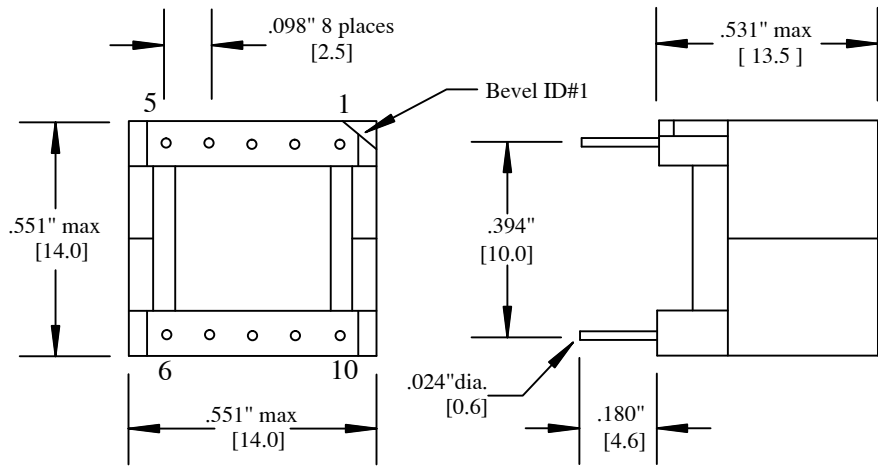


- HIGH SPEED DATA TELEPHONY TRANSFORMERS FOR VOICE, DATA AND xDSL APPLICATIONS.
- LOW PROFILE (0.531"/13.50mm MAX HEIGHT)
- SMALL BOARD AREA USAGE (<0.552"/14.02mm SQUARE)
- FOR BROOKTREE NT8921/BT8970 IC'S @ 1168 Kbps

REVISIONS			
DATE	REV	DESCRIPTION	APPV'D
04-04-16	-1	Updated entire drawing	Tjk

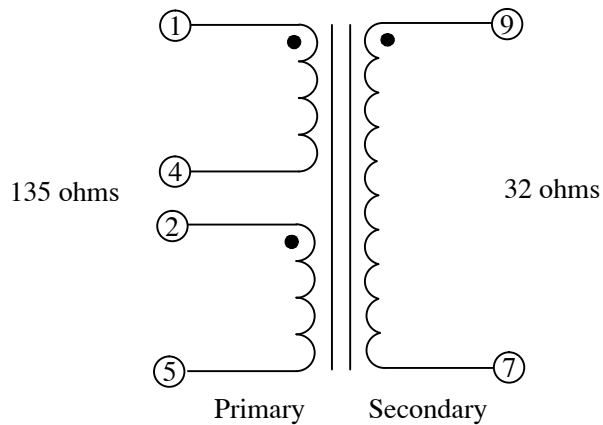


Bottom View

Top View

Electrical Parameters

- Primary Dcr (1-5) : 2.5 Ohms Max. Tie: 2 - 4
- Secondary Dcr (9-7) : 1.0 Ohms Max.
- Turns Ratio : 2 : 1 ± 2% Tie: 2 - 4
- Inductance 1-5 : 2.0 mH ± 6% Tie: 2 - 4 @ 10 KHz, 0.1V
- Leakage Inductance 1-5: 11.0 mH Max. tie: 2 - 4 @ 100KHz, 0.1V 7 - 9
- Frequency Response : ± 0.2dB, 40K-300KHz
- Return Loss : 16.5 dB Min. 40K-300KHz Vs. 135 ohms
- T.H.D. : -70 dB Min. 40KHz @ 14dBm
- Insertion Loss : 0.5 dB Max. @ 300KHz
- Dielectric Strength : 1500Vrms 1sec.



Note : All dimensions are reference unless otherwise specified. [ ] = mm

<b>PREM</b> MAGNETICS INCORPORATED		CUSTOM ENGINEERING MAGNETIC COMPONENTS Johnsburg, Illinois 3521 N. Chapel Hill Rd. / McHenry, Illinois 60051	
SCALE: 1 : 2.25	APPROVED BY: <i>Tj Klotz</i>		DRAWN BY Tjk
DATE: 10-12-99			REVISED
Application For Brooktree BT8921/BT8970 IC's @ 1168kbps rates			
P/N SPT-2001			DRAWING NUMBER B-SPT-2001-1