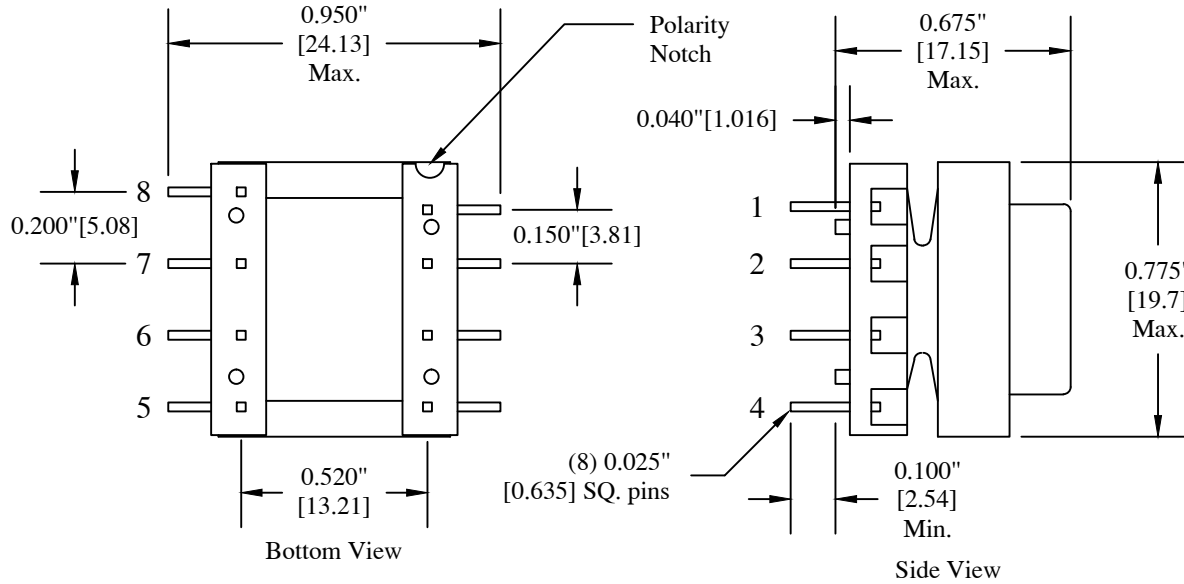


- VOICE & DATA APPLICATIONS.
- FOR V.29 MODEMS (9.6Kbps).
- DESIGNED FOR DRY (NO DC) CIRCUITS.
- IMPEDANCE RATIOS OF 600 Ω : 600 Ω .
- MINIMAL USE OF PC BOARD AREA (<1.0" [25.4] SQUARE).
- UL RECOGNIZED COMPONENT - UL 1863, FILE E138250.

REVISIONS			
DATE	REV	DESCRIPTION	APPV'D
10-05-93	-1	Chg'd THD Spec. was specified in % distort.	TJK
02-22-2016	-2	Updated entire drawing; added millimeters	TJK

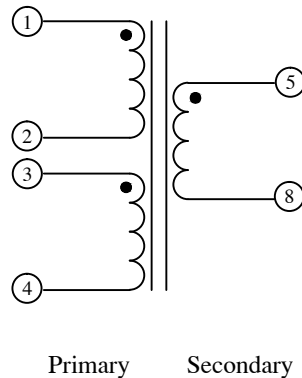


Electrical Parameters

Primary Impedance: 600 Ohms
 Secondary Impedance: 600 Ohms
 Max DC Unbalance: 0
 Turns Ratio: 1:1 ±2%
 Dielectric Strength: 1500Vrms P-S-C
 Frequency Response: ±0.5dB 300 -3.5KHz (1KHz Ref.)
 Return Loss: 18.0dB Min. @ 300Hz
 Insertion Loss : (Ref. @ 1KHz) 1.0 dB
 Primary D.C.R. : 24.5 Ω ±10%
 Secondary D.C.R. : 31.0 Ω ±10%
 THD: 0dBm @ 300Hz Input, -57dB Typ.
 Longitudinal Balance: 60 dB min. Per IEEE
 Use 600 Ω Load for Transmission Tests

All dimensions are reference unless otherwise specified.

Reflected Z = 590 Ohms Typical @ 1KHZ,
0mA D.C. on the Primary & 600 Ohms RL/Secondary



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MAGNETICS INCORPORATED

CUSTOM ENGINEERING MAGNETIC COMPONENTS
Johnsburg, Illinois
3521 N. Chapel Hill Rd. / McHenry, Illinois 60051

SCALE: None	APPROVED BY: <i>Tj Klotz</i>	DRAWN BY Tjk
DATE: 01-09-01		REVISED
Mechanical / Electrical Drawing for Part SPT-131		
(Voice/Data Transformer)		DRAWING NUMBER C SPT-131-2