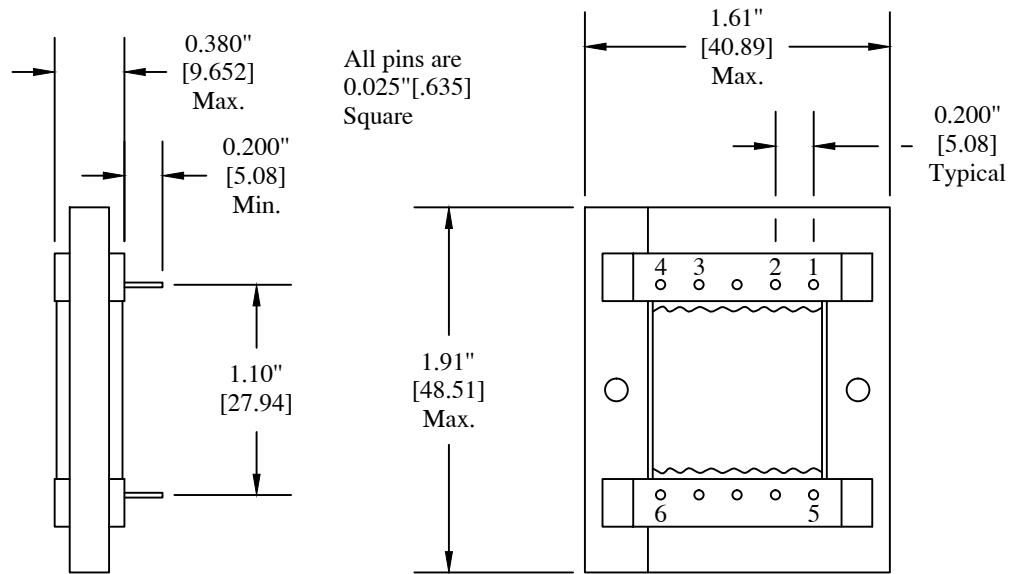


- VOICE AND DATA OR VOICE ONLY COUPLING TRANSFORMER
- OPERATING LEVEL -45 TO +7dBm.
- DESIGNED FOR 50mA MAX DC CIRCUITS.
- VERY LOW PROFILE, <0.525"[13.33].
- IMPEDANCE 600Ω : 600Ω

REVISIONS			
DATE	REV	DESCRIPTION	APPV'D

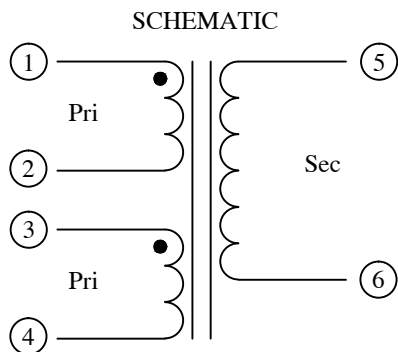


Bottom View

All dimensions are reference unless otherwise specified.

Electrical Parameters:

- Primary Impedance: 600Ω
- Secondary Impedance: 600Ω
- Max. Unbalanced D.C.: 50mA
- Turns Ratio: 1:1 +/-2%
- Dielectric Strength: 1500Vac (Pri - Sec - Core)
- Frequency Response 300 - 3500Hz +/- 0.5dB
- Insertion Loss (Ref. @ 1KHZ) 1.5dB
- ERL: 16.5dB Minimum
- Return Loss: @300Hz, 11.5dB minimum
- Harmonic Distortion: @300Hz, -50dB Typical
- Longitudinal Balance: 60dB min per IEEE #455
- Primary Resistance: 73Ω +/-10%
- Secondary Resistance: 103Ω +/-10%



PREM 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: 02-29-16			REVISED
Mechanical / Electrical Drawing for Part SPT-172			
Very Low Profile Coupling			DRAWING NUMBER SPT-172