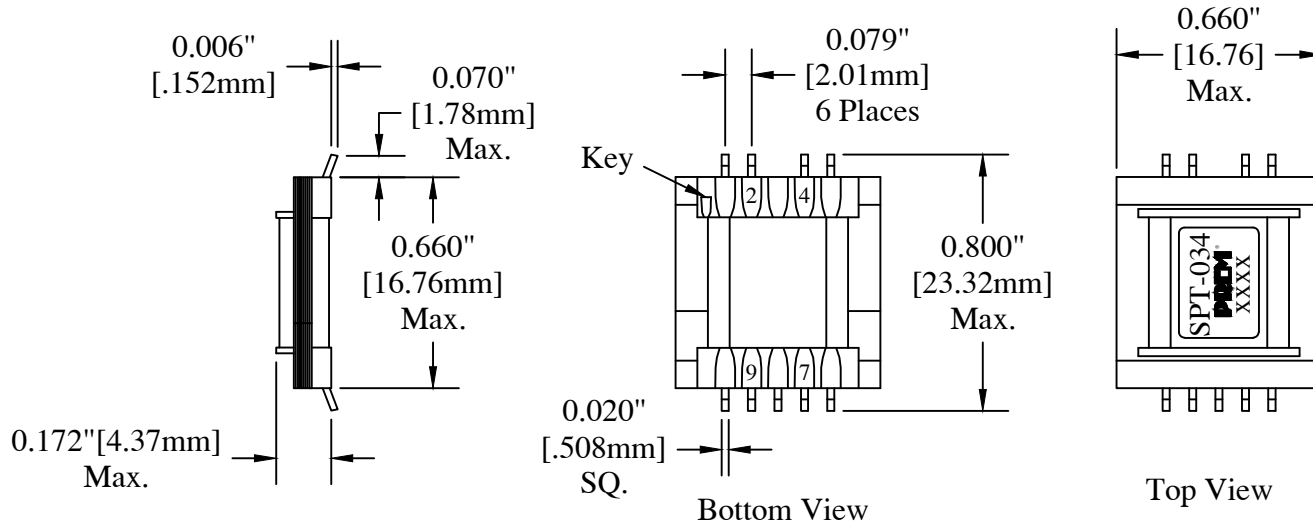


- EXTREMELY LOW HEIGHT (0.172" ABOVE BOARD) VOICE/DATA/PCMCIA COUPLING SURFACE MOUNT TRANSFORMERS.
- SUITABLE FOR MODEM SPEEDS UP TO AND INCLUDING V.34 (28.8Kbps/56Kbps).
- RATED FOR MAXIMUM WORKING VOLTAGE OF 250 VOLTS.
- HIPOT RATING IS 1500VRMS FOR 1 MINUTE MINIMUM.
- UTILIZES SUPPLEMENTARY INSULATIONS.

- SEMI GULL-WING FORM .
- MINIMAL USE OF PC BOARD AREA (< 1.0" SQUARE) .
- DRY (0DC) APPLICATIONS.
- 600Ω : 600Ω COUPLING.
- SHIPPED IN JEDEC STYLE ANTI-STATIC, NON-SLOUGHING TRAYS DESIGNED TO MAINTAIN LEAD COPLANARITY.
- DESIGNED FOR AUTOMATED PICK AND PLACE ASSEMBLY EQUIPMENT.



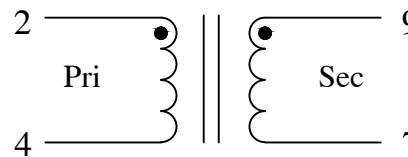
Electrical Parameters:

Primary Impedance: 600 Ohms
 Secondary Impedance: 600 Ohms
 Max. D.C. Unbalance: 0
 Turns Ratio: 1:1 ± 2%
 Dielectric Strength: 1500 Vrms P - S - C 1 Minute minimum
 Frequency Response: ± 0.2dB 200 - 4000HZ
 Return Loss: 25dB Min. @300HZ
 Longitudinal Balance: 60dB min./IEEE
 Primary DCR: 155.0 ± 10%
 Secondary DCR: 159.0 ± 10%
 THD @ 0dBm 300HZ: -60dB Typical
 @ -10dBm 600HZ: -82dB Max.
 Insertion Loss: 3.3dB Reference @1KHZ

Note: Resistive Load of 294 ohms was used to reflect 600 Ohms and to be used on all test parameters

TOLERANCES: All dimensions are for reference only unless otherwise specified. Pin numbers are for reference only

SCHEMATIC



DRAWING
SPT-034-5

Notes

ALL DIMENSIONS ARE INCHES
[] = millimeters

PREM

MAGNETICS INCORPORATED
3521 N. CHAPEL HILL RD.
JOHNSBURG, IL 60051

PREM SPT-034
Mechanical - Electrical
Data sheet
PCMCIA SMD V.34
TFMR

Approved: TJK

Scale: None

Date: 08/04/2015

Date	Rev	Description	By
08/04/2015	-5	Updated entire spec	TJK
10/05/1998	-4	Changed Return loss to 300HZ only	GG
07/17/1996	-3	Deleted Pin angle - added millimeter dimensions	GG
07/10/1996	-2	Revise Electrical parameters	GG
01/16/1996	-1	Add 200 - 4KHZ Frequency Response	GG