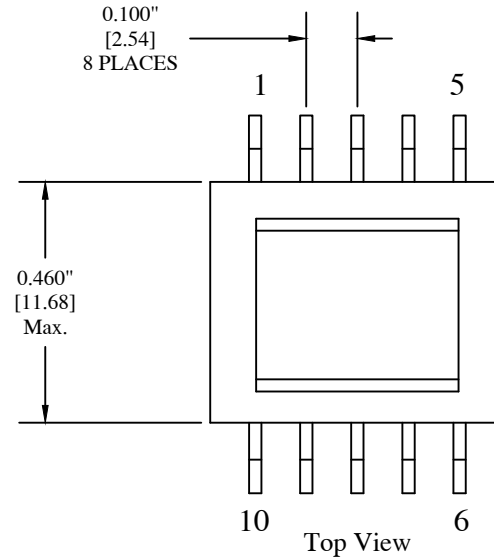
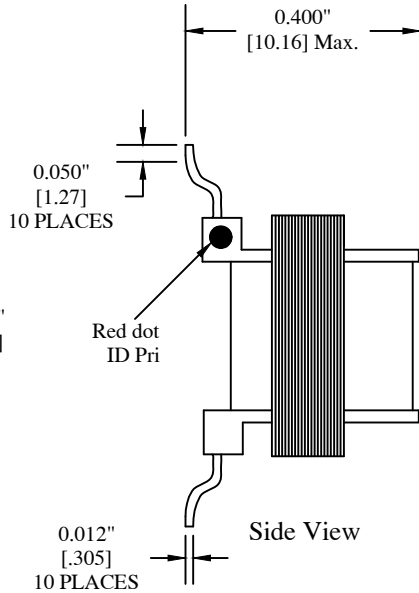
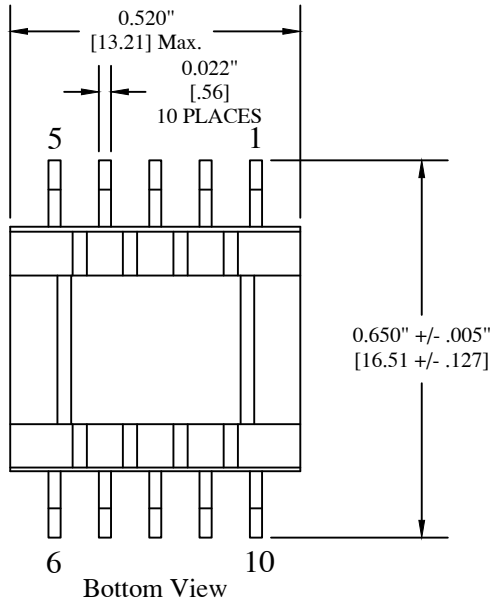


- VOICE/DATA/PCMCIA MODEM APPLICATIONS FOR SPEEDS UP TO AND INCLUDING V.32 (9.6Kbps) & V.32 bis (28.8Kbps/56Kbps)
- RATED FOR MAXIMUM WORKING VOLTAGE OF 250 VOLTS.
- DESIGNED FOR DRY (NO DC) CIRCUITS.
- HIPOT RATING IS 1500 VRMS FOR 1 MINUTE MINIMUM.
- UTILIZES SUPPLEMENTARY INSULATIONS.

- GULL-WING LEAD STYLE AND SMALL PACKAGE DIMENSIONS.
- SHIPPED IN JEDEC STYLE ANTI-STATIC, NON-SLOUGHING TRAYS
- DESIGNED TO MAINTAIN LEAD COPLANARITY.
- IMPEDANCE RATIOS OF 600Ω TO 600Ω.



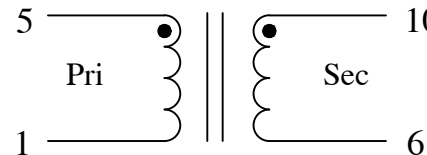
Electrical Parameters:

- Primary Impedance: 600 Ohms
- Secondary Impedance: 600 Ohms
- Max. D.C. Unbalance: 0
- Turns Ratio: 1:1 ± 2%
- Dielectric Strength: 1500 Vrms, 1 minute minimum P-S-C
- Frequency Response: ± 0.3dB 200 - 4000HZ (1KHZ Ref)
- Return Loss: 18dB Min. @300 - 3500HZ
- Longitudinal Balance: 60dB min./IEEE
- Primary DCR: 92.5 ± 10%
- Secondary DCR: 126.7 ± 10%
- THD @ 0dBm 300HZ: -60dB Typical
- @ -10dBm 600HZ: -76dB Typical
- Insertion Loss: 2.0dB Reference @ 1KHZ

Note: Resistive Load of 400 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. [] = millimeters
Pin numbers are for reference only

SCHEMATIC



12/21/2015	-7	Updated entire drawing - Corrected schematic	Tjk
06/08/2015	-6	Updated entire drawing and added millimeter dimensions	Tjk
07/23/1996	-5	Changed bobbin pin width	GG
06/05/1996	-4	Added reference only, pin numbers	GG/Tjk
05/24/1996	-3	Changed DC Resistance, insertion loss and load info	GG
11/11/1996	-2	Added Frequency Response 200-4000Hz	GG
11/16/1996	-1	Redrawn; deleted 0.426", 0.098" dimensions	GG/Tjk

DRAWING
SPT-047

Notes

ALL DIMENSIONS ARE INCHES
[] = millimeters

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

PREM SPT-047
Mechanical - Electrical
SMT Voice/Data

Approved: TJK

Scale: None

Date: 10/05/1995