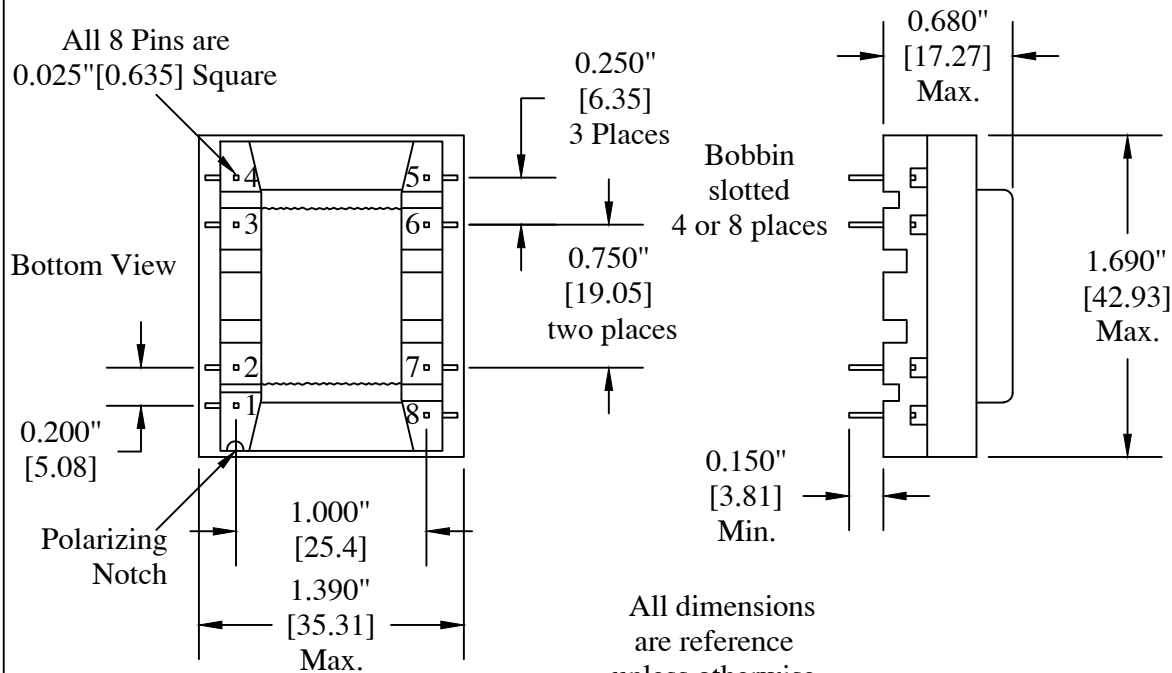


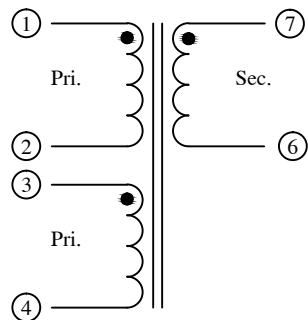
- VOICE & DATA APPLICATIONS.
- DESIGNED FOR WET (80mA DC) CIRCUITS.
- IMPEDANCE RATIO OF 900 Ω : 600 Ω
- ALTERNATE HIGHER PERFORMANCE PART SPT-112.
- UL RECOGNIZED COMPONENT - UL 1863, FILE E138250



All dimensions are reference unless otherwise specified.

Note : Pin Numbers are reference only. [] = mm

Schematic



REVISIONS

DATE	REV	DESCRIPTION	APP'VD
05/16/85	-1	Updated	WDE
04/12/1989	-2	Pri DCR was 92 ohms	mm
05/17/1989	-3	Changed length 1.65", width 1.35" dims	TJK
09/14/1993	-4	Changed THD spec, was in %	TJK
03/28/2016	-5	Updated entire spec, added mm	TJK

Electrical Parameters:

Primary Impedance : 900 Ω
 Secondary Impedance : 600 Ω
 Turns Ratio : 1 : 0.942 ±2%
 DC Resistance :
 Primary 83 Ω ±10%
 Secondary 126 Ω ±10%
 Max DC Current : 80 mAdc
 Frequency Range : 300-3500Hz
 Insertion Loss : 1.30B Ref. @ 1KHz
 Frequency Response : ±0.5dB, 1KHz Ref.
 Return Loss : 11.0 dB Min. @ 300Hz
 Longitudinal Balance : 60dB Min. per IEEE
 Dielectric 1500Vrms : P-S-C, 1 Second
 THD @ 0dbm, 300Hz : -53dB typical
 600 Ohm load for transmission tests

Note : Reflected Z = 882 Ref. (Ohms)
 @ 1KHZ, 80mA D.C./Primary & 600 Ohm RL/Secondary

PREM[®]
 MAGNETICS INCORPORATED

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

SCALE: None

APPROVED BY:

DRAWN BY TJK

DATE: 0-28-2016

Tj Klotz

REVISED

p/n SPT - 193

DRAWING NUMBER
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