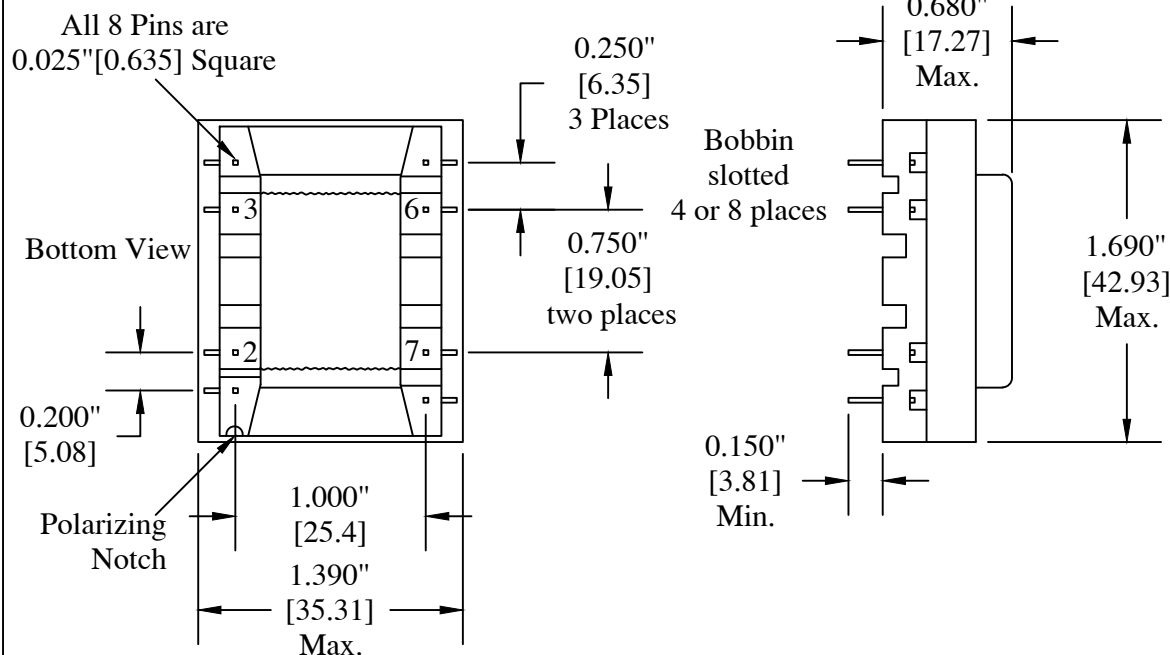


- VOICE & DATA APPLICATIONS.
- DESIGNED FOR WET (80mA DC) CIRCUITS.
- IMPEDANCE RATIO OF 900 Ω : 600 Ω
- ALTERNATE HIGHER PERFORMANCE PART SPT-111.
- UL RECOGNIZED COMPONENT - UL 1863, FILE E138250

REVISIONS			
DATE	REV	DESCRIPTION	APPV'D
05/16/85	-1	Updated	WDE
05/17/1989	-2	Changed max width (1.35) and length (1.65)	TJK
09/15/1993	-3	Changed THD spec was specified in %	TJK
03/28/2016	-4	Update; added millimeters	TJK

All dimensions are reference unless otherwise specified.



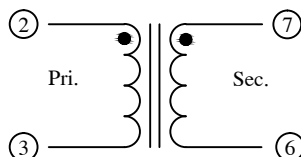
Electrical Parameters:

Primary Impedance : 900 Ω  
 Secondary Impedance : 600 Ω  
 Turns Ratio : 1 : 0.8168 ±2%  
 DC Resistance :  
 Primary 76 Ω ±10%  
 Secondary 92 Ω ±10%  
 Max DC Current : 80 mAdc  
 Frequency Range : 300-3500Hz  
 Insertion Loss : 1.60B Ref. @ 1KHz  
 Frequency Response : ±0.5dB, 1KHz Ref.  
 Return Loss : 10.5 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 = 1070 Ref. (Ohms)  
 @1KHZ, 80mA D.C./Primary & 600 Ohm  
 RL/Secondary

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

Schematic



**PREM**<sup>®</sup>

MAGNETICS INCORPORATED

CUSTOM ENGINEERING MAGNETIC COMPONENTS

Johnsburg, Illinois

3521 N. Chapel Hill Rd. / McHenry, Illinois 60051

SCALE: None

APPROVED BY:

DRAWN BY TJK

DATE: 03-28-2016

*Tj Klotz*

REVISED

p/n SPT - 192

DRAWING NUMBER  
A-SPT-192-4