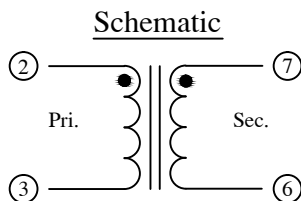
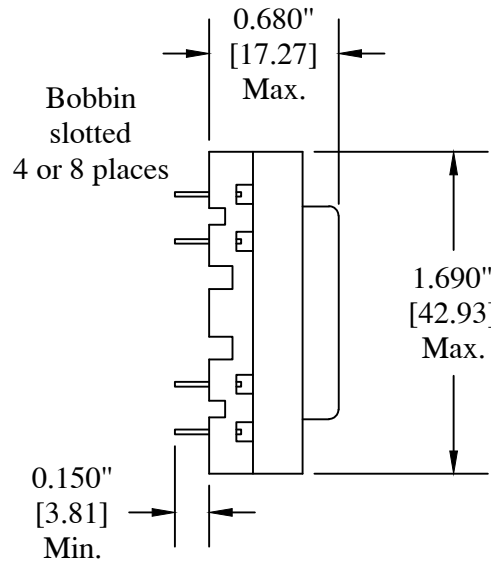
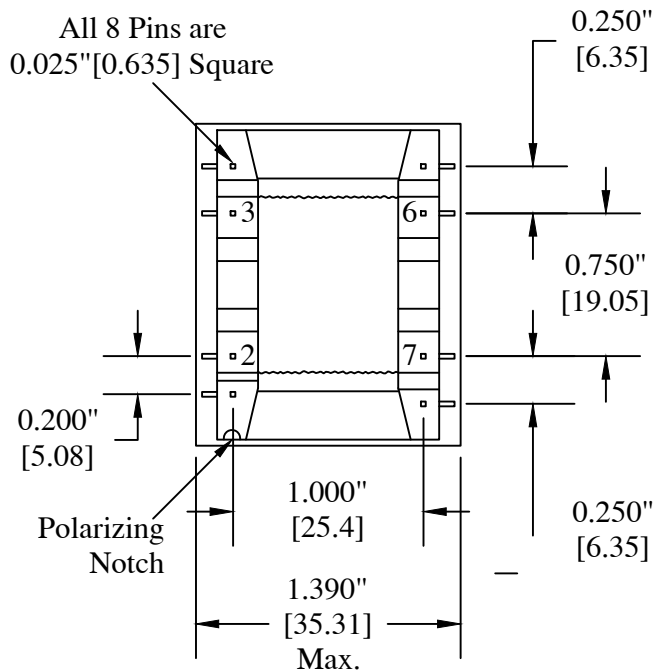


- VOICE & DATA APPLICATIONS.
- FOR V.29 MODEMS (9.6Kbps).
- DESIGNED FOR WET (80mA DC) CIRCUITS.
- IMPEDANCE RATIOS OF $600 \Omega : 600 \Omega$.
- ALTERNATE ECONOMY PART SPT-190.
- UL RECOGNIZED COMPONENT - UL 1863, FILE E138250.

Note : Pin Numbers are reference only. [] = mm
 All dimensions are reference unless otherwise specified.



REVISIONS

DATE	REV	DESCRIPTION	APPV'D
05/16/85	-1	Updated	WDE
05/10/1989	-2	Changed max width and length	TJK
09/17/1993	-3	Changed THD spec was specified in %	TJK
08/06/2015	-4	Update; added millimeters	TJK

Electrical Parameters:

Primary Impedance : 600Ω
 Secondary Impedance : 600Ω
 Turns Ratio : $1:1 \pm 2\%$
 DC Resistance :
 Primary $60 \Omega \pm 10\%$
 Secondary $72 \Omega \pm 10\%$
 Max DC Current : 80 mAdc
 Frequency Range : 300-3500Hz
 Insertion Loss : 1.15B Max @ 1KHz
 Frequency Response : $\pm 0.5\text{dB}$, 1KHz Ref.
 Return Loss : 11.5 dB Min. @ 300Hz
 Longitudinal Balance : 60dB Min, per IEEE
 Dielectric 1500Vrms : P-S-C 1 Second
 THD @ 0dbm, 300Hz : -65dB typical
 Note : Reflected Z = 700 Ref. (Ohms)
 @1KHZ, 80mA D.C./Primary & 600Ohm
 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: 08-06-15

Tj Klotz

REVISED

p/n SPT - 109

DRAWING NUMBER
 B-SPT-109-4