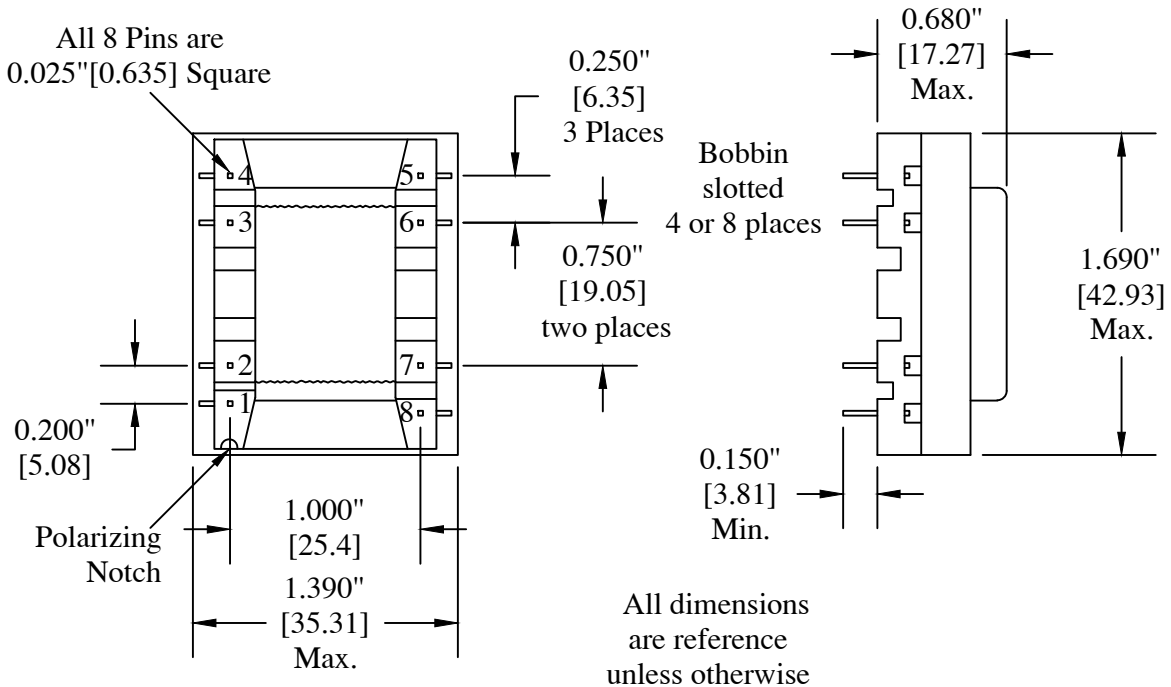
- VOICE & DATA APPLICATIONS.
- FOR V.29 MODEMS (9.6Kbps)
- DESIGNED FOR WET (80mA DC) CIRCUITS.
- IMPEDANCE RATIO OF 900 Ω : 600 Ω
- ALTERNATE ECONOMY PART SPT-193.
- UL RECOGNIZED COMPONENT - UL 1863, FILE E138250

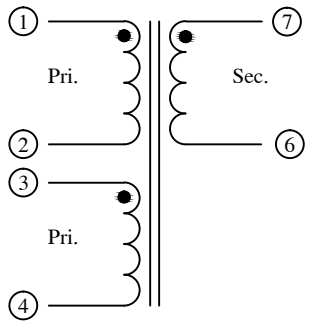
REVISIONS			
DATE	REV	DESCRIPTION	APPV'D
05/16/85	-1	Updated	WDE
04/12/1989	-2	Pri DCR was 92 ohms	mm
05/17/1989	-3	Changed length 1.65", width 1.35" dims	TJK
10/27/1992	-4	Changed I.L. was 1.3dB	TJK
09/14/1993	-5	Changed THD spec, was in %	TJK
01/25/2016	-6	Updated entire spec, added mm	TJK



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

All dimensions are reference unless otherwise specified.

Schematic



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 : 1.2B Ref. @ 1KHz
Frequency Response : ±0.5dB,1KHz Ref.
Return Loss : 12.5 dB Min. @ 300Hz
Longitudinal Balance : 60dB Min,per IEEE
Dielectric 1500Vrms : P-S-C, 1 Second
THD @ 0dbm, 300Hz : -65dB typical
600 Ohm load for transmission tests

Note : Reflected Z = 887 Ref. (Ohms)
@1KHZ, 80mA D.C./Primary & 600Ohm RL/Secondary

Note: ERL optimized value 25dB Ref. Secondary loaded with 592 ohms and 0.006µF capacitor, 80mADC on Primary

PREM® MAGNETICS INCORPORATED

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SCALE: None	APPROVED BY: Tj Klotz	DRAWN BY TJK
DATE: 01-25-16		REVISED
p/n SPT - 112		
		DRAWING NUMBER B-SPT-112-6