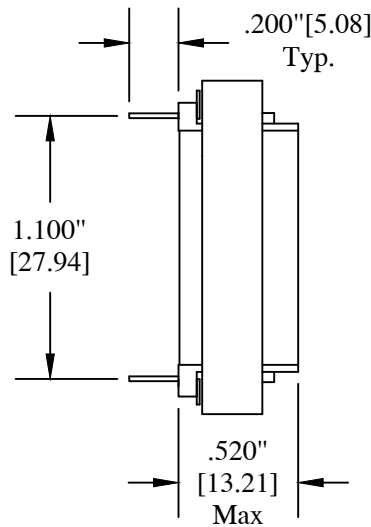
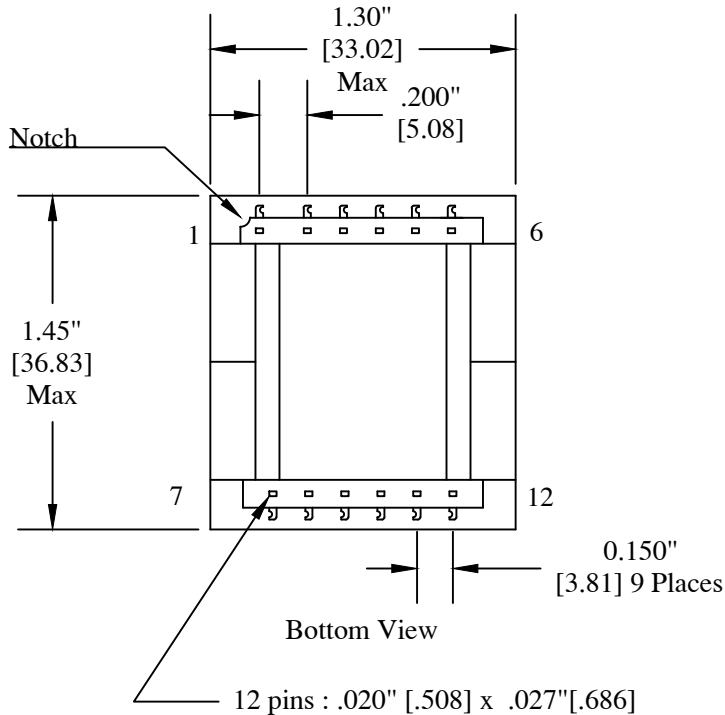


- VOICE & DATA APPLICATIONS.
- DESIGNED FOR WET (80mA DC) CIRCUITS.
- IMPEDANCE RATIOS OF 600 Ω : 600 Ω .
- LOW PROFILE <.525"/13.34mm.
- UL RECOGNIZED COMPONENT - UL 1863, FILE E138250.

REVISIONS			
DATE	REV	DESCRIPTION	APP'VD
10/11/93	-1	Changed Harm Dist. was specified in %	Tjk
6/03/97	-2	Delete 0.720" ref. dimension	mm
03/31/16	-3	Updated entire spec, added millimeters	Tjk

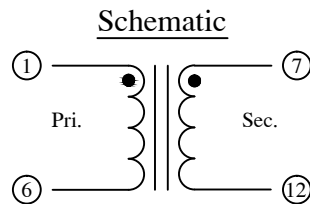


Electrical Parameters:

Primary Impedance: 600Ω
 Secondary Impedance: 600Ω
 Turns Ratio: 1 : 1.045 +/- 2%
 Primary D.C. Resistance : 62.4Ω +/- 10%
 Secondary D.C. Resistance : 60.1Ω +/- 10%
 Maximum unbalance D.C. Current : 80mA
 Dielectric Strength 1500Vrms : Pri - Sec - Core 1 second
 Frequency Response 300Hz - 3500Hz: +/- 1.0dB
 Insertion Loss: 1.30dB Reference @1KHz
 ERL : 17.0dB Minimum
 Primary Return Loss : 9.5dB minimum @300Hz
 THD @0dBm 300Hz: -50dB typical @ 0dBm
 Longitudinal Balance: 60dB min per IEEE 455-1985

Reflected Z = 630 Ohms Ref @1KHz, 80mA DC/Primary & 600 ohm RL/Sec

All dimensions are reference unless otherwise specified.



PREM MAGNETICS INCORPORATED		CUSTOM ENGINEERING MAGNETIC COMPONENTS Johnsburg, Illinois 3521 N. Chapel Hill Rd. / McHenry, Illinois 60051	
SCALE: None	APPROVED BY: <i>Tj Klotz</i>		DRAWN BY TJK
DATE: 03-31-2016			REVISED
Audio/Telephony Transformer p/n SPT-1105			
			DRAWING NUMBER B-SPT-1105-3