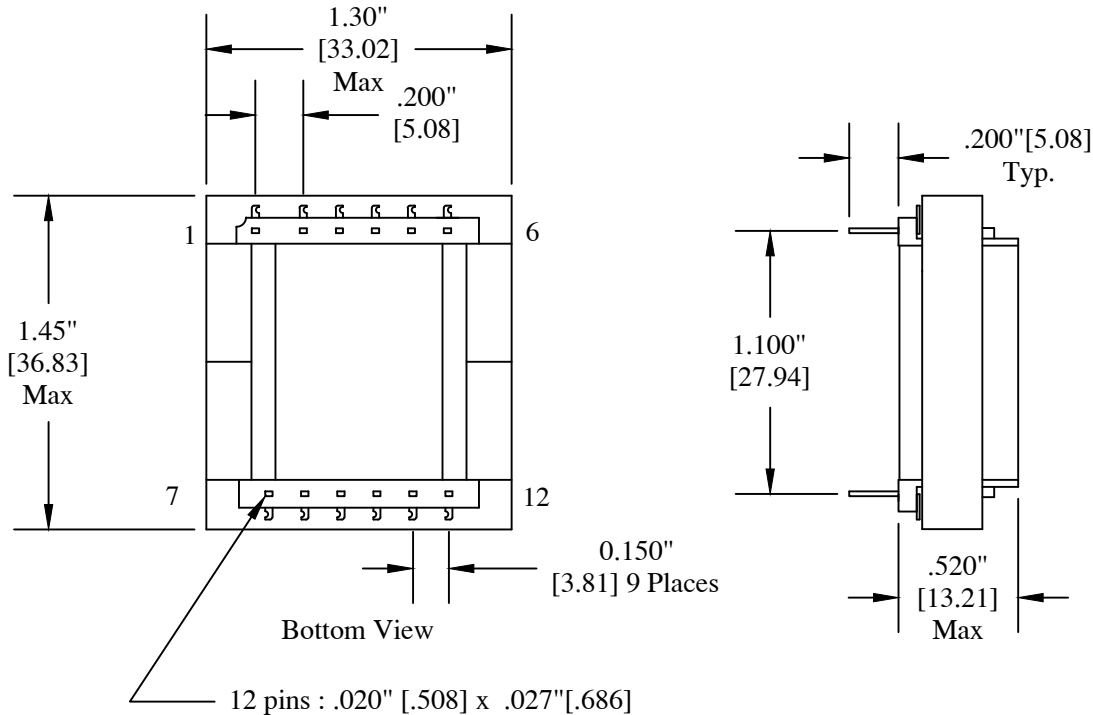


- VOICE & DATA APPLICATIONS.
- DESIGNED FOR WET (70mA DC) CIRCUITS.
- IMPEDANCE RATIOS OF 600 Ω : 600 Ω .
- LOW PROFILE <.525"/13.34mm.
- UL RECOGNIZED COMPONENT - UL 1863, FILE E138250.

REVISIONS			
DATE	REV	DESCRIPTION	APP'VD
10/11/93	-1	Changed Harm Dist. was specified in %	Tjk
6/02/97	-2	Delete 0.720" ref. dimension	mm
03/24/16	-3	Updated entire drawing, added millimeters	Tjk

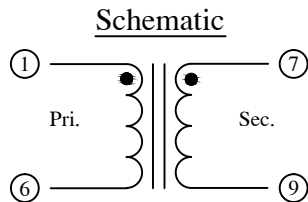


Electrical Parameters:

Primary Impedance: 600Ω  
 Secondary Impedance: 600Ω  
 Turns Ratio: 1 : 1 +/- 2%  
 Primary D.C. Resistance : 70Ω +/- 10%  
 Secondary D.C. Resistance : 81Ω +/- 10%  
 Maximum unbalance D.C. Current : 70mA  
 Dielectric Strength 1500Vrms : Pri - Sec - Core  
 Frequency Response 300Hz - 3500Hz: +/- 0.5dB  
 Insertion Loss: 1.30dB Reference @1KHz  
 ERL : 16.0dB Minimum  
 Primary Return Loss : 12dB minimum @300Hz  
 THD @0dBm 300Hz: -59dB typical @ 0dBm  
 Longitudinal Balance: 60dB min per IEEE 455-1985

Reflected Z = 735 Ohms Ref @1KHz, 70mA DC/Primary & 600 ohm RL/Sec

All dimensions are reference unless otherwise specified.



<b>PREM</b> MAGNETICS INCORPORATED		CUSTOM ENGINEERING MAGNETIC COMPONENTS Johnsburg, Illinois 3521 N. Chapel Hill Rd. / McHenry, Illinois 60051	
SCALE: None	APPROVED BY:	DRAWN BY TJK	
DATE: 03-24-2016	<i>Tj Klotz</i>	REVISED	
Audio/Telephony Transformer p/n SPT-188			
			DRAWING NUMBER C-SPT-188-3