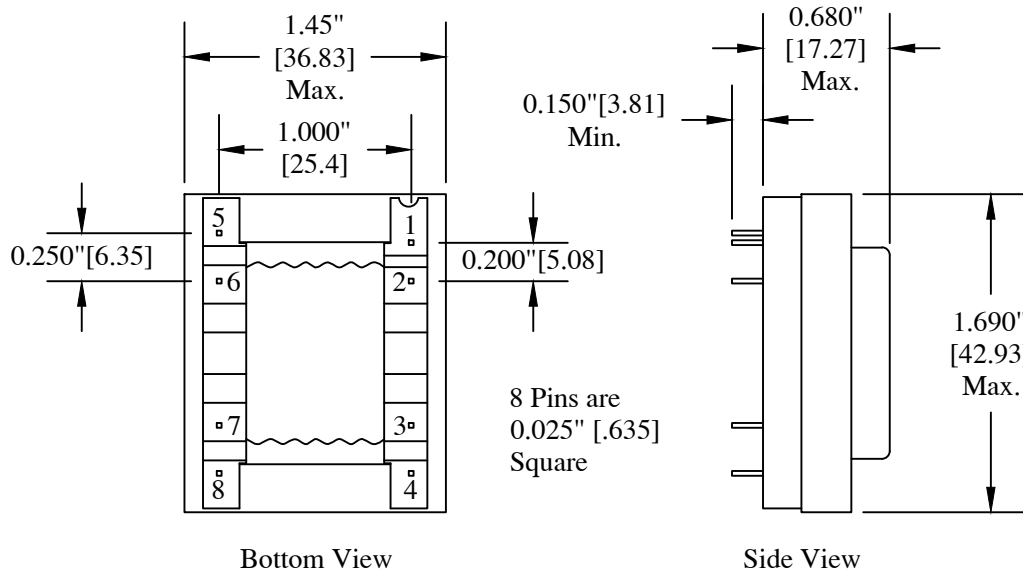


- VOICE & DATA TRANSFORMER FOR TELEPHONE INTERCONNECT SYSTEMS.
- DESIGNED FOR WET (80mA DC) CIRCUITS.
- UNITS ARE TELECOM AUSTRALIA APPROVED, APPROVAL #RA-87/117.
- >100MΩ INSULATION RESISTANCE.
- -45 TO +7dBm OPERATING LEVEL.
- UL RECOGNIZED COMPONENT - UL 1863, FILE E138250.

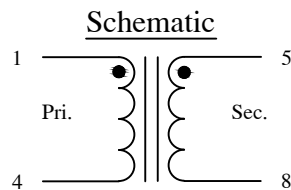
REVISIONS			
DATE	REV	DESCRIPTION	APPV'D
02/14/89	-1	1.45" dim was 1.40"	mm
10/26/92	-2	1.690" dim was 1.650"	mm
10/07/93	-3	THD was specified in %	mm
04/01/16	-4	Updated entire spec, added millimeters	Tjk



Electrical Parameters:

Primary Impedance: 600Ω  
 Secondary Impedance: 600Ω  
 Turns Ratio: 1 : 1 +/- 2%  
 Primary D.C. Resistance : 67 Ω +/- 10%  
 Secondary D.C. Resistance : 80 Ω +/- 10%  
 Maximum unbalance D.C. Current : 80mA  
 Dielectric Strength 3750Vrms : Pri - Sec; Pri - Core 1 minute  
 1800Vrms Sec - Core  
 Insulation Resistance >100MΩ @ 500VD.C.  
 Frequency Response 300Hz - 3500Hz: +/- 1.0dB  
 Insertion Loss: 1.30dB Reference @ 1KHz  
 ERL : 15.0dB Minimum  
 Primary Return Loss : 10.0dB minimum @300Hz  
 THD @0dBm 300Hz: -53dB typical @ 0dBm  
 Longitudinal Balance: 60dB min per IEEE 455-1985

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: 04-01-2016	<i>Tj Klotz</i>	REVISED	
Audio/Telephony Transformer p/n SPT-1113			
			DRAWING NUMBER A-SPT-1113-4