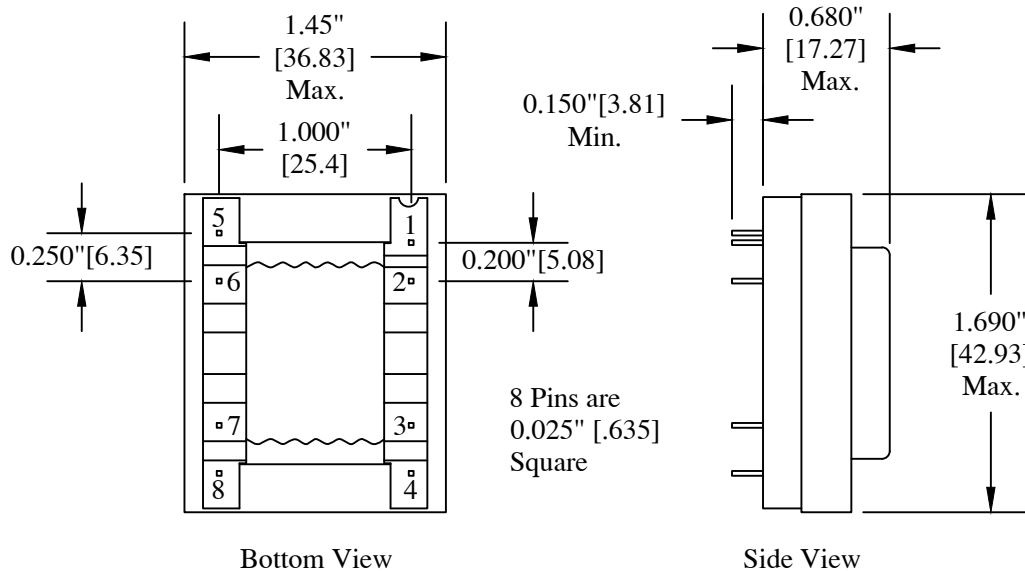


- VOICE & DATA TRANSFORMER FOR TELEPHONE INTERCONNECT SYSTEMS.
- DESIGNED FOR WET (120mA DC) CIRCUITS.
- UNITS ARE TELECOM AUSTRALIA APPROVED, APPROVAL #RA-87/117.
- >100MΩ INSULATION RESISTANCE.
- -45 TO +7dBm OPERATING LEVEL.
- UL RECOGNIZED COMPONENT - UL 1863, FILE E138250.

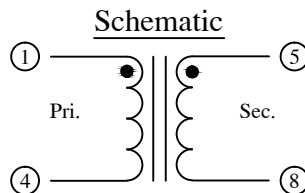
REVISIONS			
DATE	REV	DESCRIPTION	APPV'D
02/14/89	-1	1.45" dim was 1.40"	mm
10/26/92	-2	1.690" dim was 1.650"	mm
10/07/93	-3	THD was specified in %	mm
04/01/16	-4	Updated entire spec, added millimeters	Tjk



Electrical Parameters:

Primary Impedance: 600Ω
 Secondary Impedance: 600Ω
 Turns Ratio: 1 : 1 +/- 2%
 Primary D.C. Resistance : 66Ω +/- 10%
 Secondary D.C. Resistance : 105Ω +/- 10%
 Maximum unbalance D.C. Current : 120mA
 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: 1.40dB Reference @ 1KHz
 ERL : 12.5dB Minimum
 Primary Return Loss : 9.0dB minimum @300Hz
 THD @0dBm 300Hz: -53dB typical @ 0dBm
 Longitudinal Balance: 60dB min per IEEE 455-1985

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: 04-01-2016			REVISED
Audio/Telephony Transformer p/n SPT-1109			
			DRAWING NUMBER A-SPT-1109-4