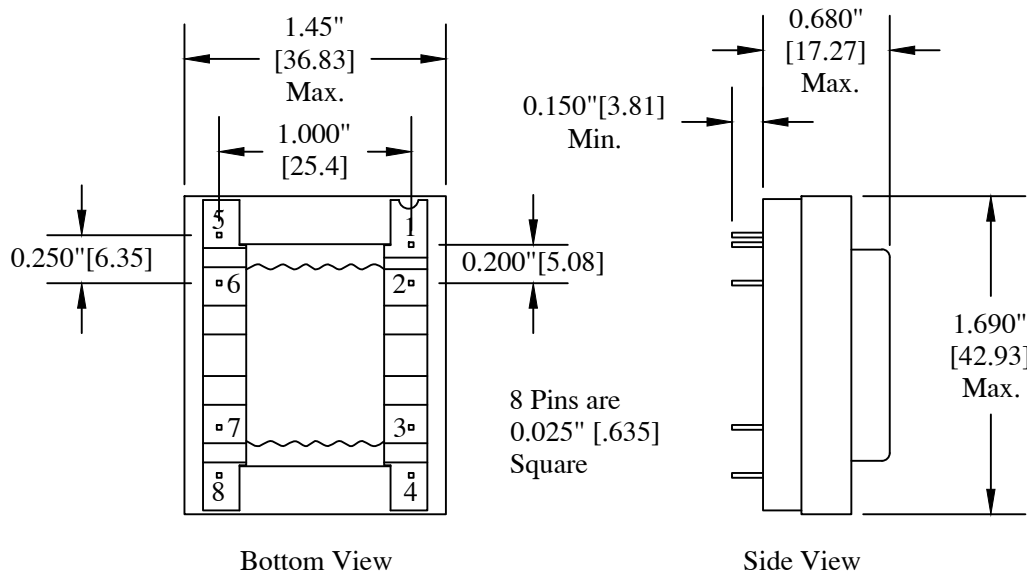


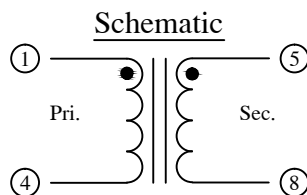
- VOICE & DATA TRANSFORMER FOR TELEPHONE INTERCONNECT SYSTEMS.
- DESIGNED FOR WET (120mA DC) CIRCUITS.
- UNITS ARE TELECOM AUSTRALIA APPROVED, APPROVAL #RA-87/117.
- >100M Ω INSULATION RESISTANCE.
- -45 TO +7dBm OPERATING LEVEL.
- UL RECOGNIZED COMPONENT - UL 1863, FILE E138250.



Bottom View

Side View

All dimensions are reference unless otherwise specified.



REVISIONS

DATE	REV	DESCRIPTION	APPV'D
02/14/89	-1	1.45" dim was 1.40"	Tjk
04/04/91	-2	1.690" dim was 1.650"	mm
10/07/93	-3	THD was specified in %	Tjk
04/01/16	-4	Updated entire spec, added millimeters	Tjk

Electrical Parameters:

Primary Impedance: 600 Ω
 Secondary Impedance: 600 Ω
 Turns Ratio: 1 : 1 +/- 2%
 Primary D.C. Resistance : 66 Ω +/- 10%
 Secondary D.C. Resistance : 105 Ω +/- 10%
 Maximum unbalance D.C. Current : 120mA
 Dielectric Strength 3750Vrms : Pri - Sec; Pri - Core 1 minute
 1800Vrms Sec - Core
 Insulation Resistance >100M Ω @ 500VD.C.
 Frequency Response 300Hz - 3500Hz: +/- 0.5dB
 Insertion Loss: 1.30dB Reference @ 1KHz
 ERL : 14.0dB Minimum
 Primary Return Loss : 10.0dB minimum @ 300Hz
 THD @ 0dBm 300Hz: -59dB typical @ 0dBm
 Longitudinal Balance: 60dB min per IEEE 455-1985

PREM
MAGNETICS INCORPORATED

CUSTOM ENGINEERING MAGNETIC COMPONENTS
Johnsburg, Illinois
3521 N. Chapel Hill Rd. / McHenry, Illinois 60051

SCALE: None

APPROVED BY:

DRAWN BY TJK

DATE: 03-31-2016

Tj Klotz

REVISED

Audio/Telephony Transformer p/n SPT-1108

DRAWING NUMBER

A-SPT-1108-4