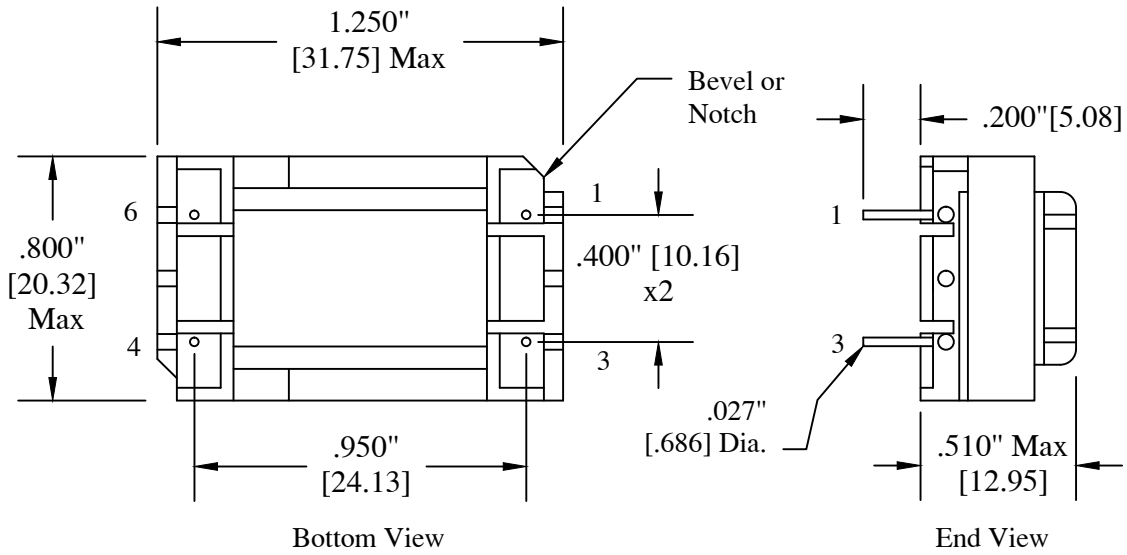
- DATA APPLICATIONS ONLY.
- MINIMAL USE OF PC BOARD AREA (<1.0"/25.4mm SQUARE).
- LOW PROFILE (<.525"/13.34mm)
- DESIGNED FOR "WET" (W/ DC) CIRCUITS.
- IMPEDANCE RATIOS OF 600 Ω : 600 Ω .
- UL RECOGNIZED COMPONENT - UL 1863, FILE E138250.

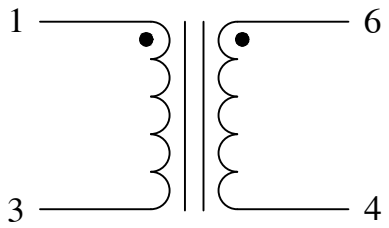
REVISIONS

DATE	REV	DESCRIPTION	APPV'D
2-13-96	-1	Chg'd .500" ref. to Max	TJK
01-09-02	-2	Changed dimension from .500" max to .510" max	G.G.
04-08-16	-3	Updated entire drawing, added millimeters	TJK



Note: All dimensions are reference unless otherwise specified.

Electrical Parameters
Primary Impedance : 600 Ω
Secondary Impedance : 600 Ω
DC Unbalance : 90mA Max
Turns Ratio: 1:1.04 ±2%
(The following transmission tests are conducted with 90 mA D.C. and a secondary load of 600 Ω)
Frequency Response : 500-3500 ±1.3dB
300-3500 ±2.5dB
Insertion Loss (@1.8KHz) : 1.7dB Ref.
Return Loss @ 1800Hz : 14.0dB Min.
T.H.D. 0dBm @300Hz : -50dB Typical
Longitudinal Balance : Meets FCC part 68.310(a) requirements
DCR Primary : 75 Ω ±10%
Secondary : 100 Ω ±10%
Dielectric Strength : 1500 Vrms Instant P-S-C



Primary Secondary

PREM® MAGNETICS INCORPORATED

CUSTOM ENGINEERING MAGNETIC COMPONENTS
Johnsburg, Illinois
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SCALE: None	APPROVED BY: Tj Klotz	DRAWN BY Tjk
DATE: 04/08/16		REVISED

Standard Product Transformer p/n SPT-2107

DRAWING NUMBER
C-SPT-2107 -3