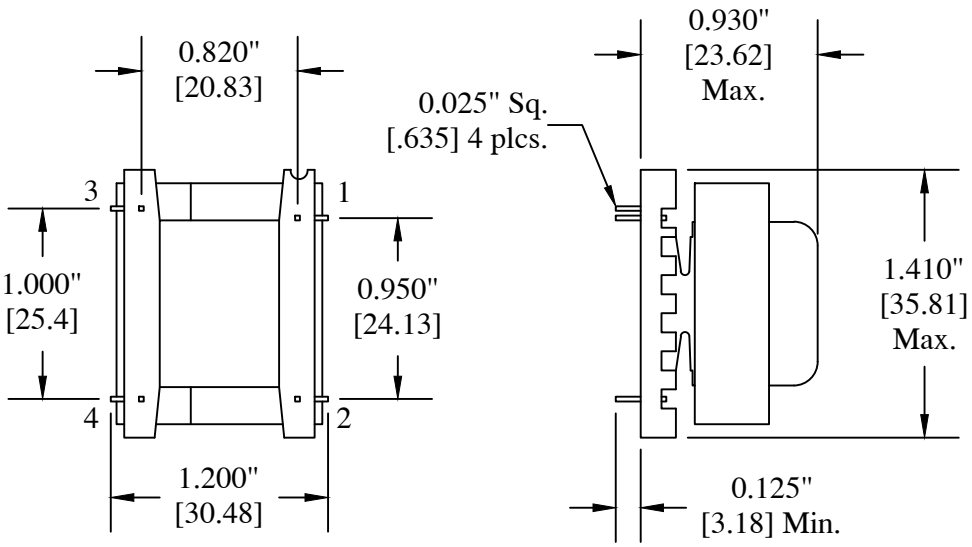
- VOICE & DATA APPLICATIONS.
- DESIGNED FOR WET (80mA DC) CIRCUITS.
- IMPEDANCE RATIO OF 600 Ω : 600 Ω
- UL RECOGNIZED COMPONENT - UL 1863, FILE E138250



Note : Pin Numbers
are reference only.
[ ] = mm

All dimensions are
reference
unless otherwise specified.

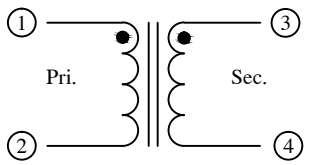
REVISIONS			
DATE	REV	DESCRIPTION	APPV'D
06/25/1985	-1	Update	MM
10/04/1993	-2	Changed Thd spec, was in % distortion	Tjk
02/02/2016	-3	Update; Added millimeters	Tjk

Electrical Parameters:
Primary Impedance : 600 Ω
Secondary Impedance : 600 Ω
Turns Ratio : 1 : 1 ±2%
DC Resistance :
Primary 66.2 Ω ±10%
Secondary 82.2 Ω ±10%
Max DC Current : 80 mAdc
Frequency Range : 300-3500Hz
Insertion Loss : 1.20B Ref. @ 1KHz
Frequency Response : ±0.5dB,1KHz Ref.
Return Loss : 13 dB Min. @ 300Hz
Longitudinal Balance : 60dB Min,per IEEE
Dielectric 1500Vrms : P-S-C, 1 Second
THD @ 0dbm, 300Hz : -53dB typical
600 Ohm load for transmission tests

Note : Reflected Z = 730 Ref. (Ohms)
@1KHZ, 80mA D.C./Primary & 600 Ohm RL/Secondary

Note: ERL optimized value 26dB Ref. Secondary loaded with 460 ohms and 0.046μF capacitor, 80mADC on Primary

Schematic



PREM® MAGNETICS INCORPORATED

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SCALE: None	APPROVED BY: Tj Klotz	DRAWN BY TJK
DATE: 02-02-16		REVISED
p/n SPT - 116		
		DRAWING NUMBER B-SPT-116-3