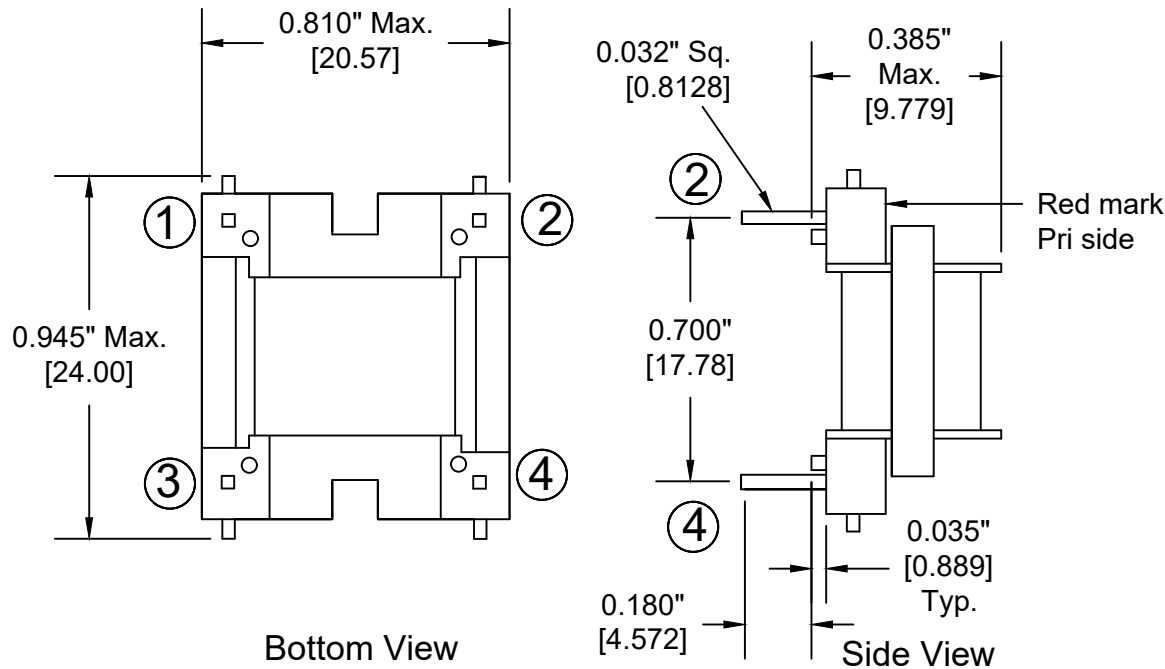


- SUB-MINIATURE DATA COUPLING TRANSFORMERS.
- IDEAL FOR APPLICATIONS REQUIRING MINIMAL USE OF PC BOARD AND VERY LOW ABOVE-BOARD HEIGHT.
- DESIGNED FOR DATA CIRCUITS (30mA DC).
- IMPEDANCE RATIOS OF 600Ω TO 600Ω.
- EXCELLENT PERFORMANCE FOR DATA APPLICATIONS.



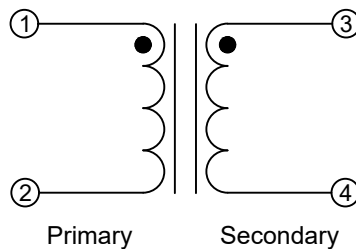
REVISIONS			
DATE	REV	DESCRIPTION	APP'VD
10/27/89	-1	Remove 0.045" dia. dim for pins	Tjk
04/28/93	-2	Added slots to top, bottom views	Tjk
08/12/93	-3	Chg THD Freq. and dB figure	T.JK.
09/29/93	-4	Chg THD Freq., was @600HZ	T.JK.
05/07/15	-5	Added millimeter dimensions	T.JK.

Electrical Parameters

Primary Impedance : 600 Ω
 Secondary Impedance : 600 Ω
 Max DC Current : 30 mAdc
 Turns Ratio : 1:1 +/-2%
 Dielectric Strength : 1500 Vrms PRI-SEC-CORE
 (The following transmission tests are conducted with 30mA DC and a Secondary load of 470 ohms)
 Frequency Response : +/-2.0dB 300 - 600Hz
 +/-0.65dB 600 - 3.5KHz
 Return Loss : 16 dB Min. @1.8KHz
 ERL : 15.0dB Min.
 Longitudinal Balance : 60dB Min,per IEEE
 Primary Resistance : 108.0 Ω +/-10%
 Secondary Resistance: 131.3 Ω +/-10%
 T.H.D. : 0 dBm @ 1KHz, -58dB Typ.
 Insertion Loss : 2.0dB +/- 0.5dB @ 1KHz

Note : [] = mm

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: 05-07-2015			REVISED
Prem Standard Product			
Transformer p/n SPT - 012			DRAWING NUMBER B-SPT-012-5