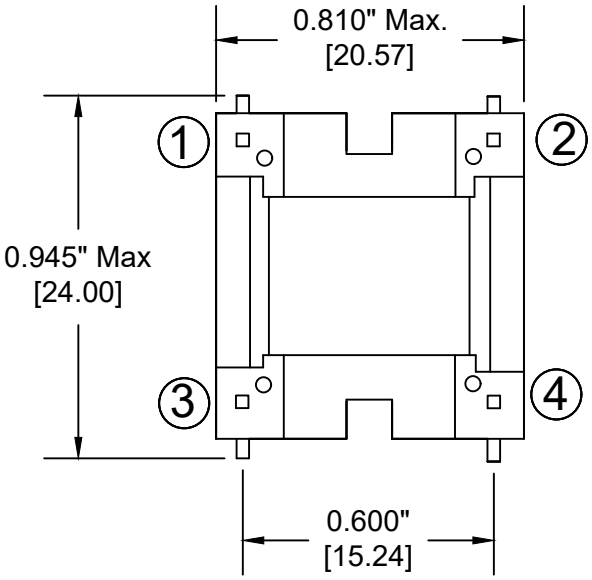
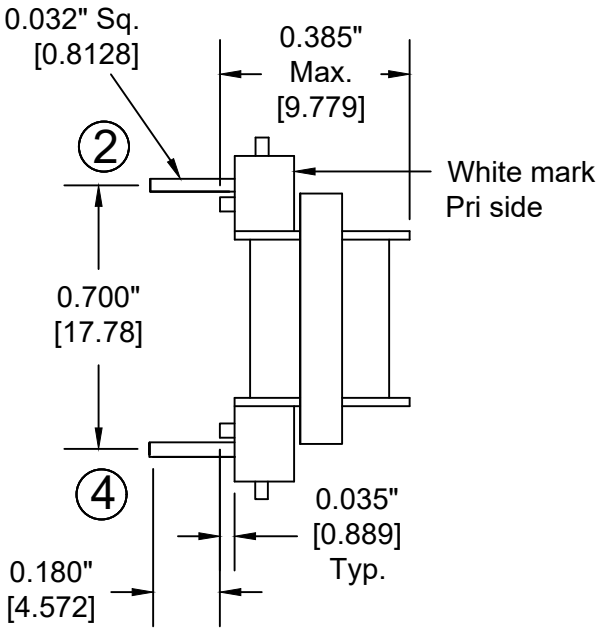
- SUB-MINIATURE VOICE/DATA COUPLING TRANSFORMERS.
- IDEAL FOR APPLICATIONS REQUIRING MINIMAL USE OF PC BOARD AND VERY LOW ABOVE-BOARD HEIGHT.
- DESIGNED FOR DRY (NO DC) CIRCUITS.
- IMPEDANCE RATIO OF 600Ω TO 600Ω.
- EXCELLENT PERFORMANCE FOR VOICE AND DATA APPLICATIONS.

REVISIONS			
DATE	REV	DESCRIPTION	APPV'D
10/27/89	-1	Remove 0.045" dia. dim for pins	Tjk
06/10/92	-2	Chg color of Pri ID dot, was black	Tjk
04/28/93	-3	Added slots to top, bottom views	T.JK.
08/12/93	-4	Chg THD Freq. and dB figure	T.JK.
09/29/93	-5	Chg THD Freq., was @600HZ	T.JK.
05/05/15	-6	Added millimeter dimensions	T.JK.



Bottom View

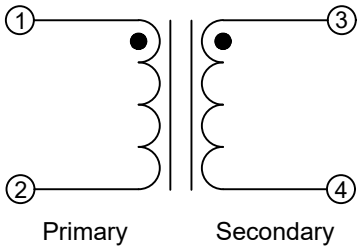


Side View

Electrical Parameters

Primary Impedance : 600 Ω
Secondary Impedance : 600 Ω
Max DC Current : 0 dc
Turns Ratio : 1:1.0428 +/-2%
Dielectric Strength : 1500 Vrms PRI-SEC-CORE
(The following transmission tests are conducted with 0mA DC and a Secondary load of 600 ohms)
Frequency Response : +/-0.5dB 300 - 3.5KHz
Return Loss : 18.5 dB Min. @300Hz
ERL : 23.5dB Min.
Longitudinal Balance : 60dB Min,per IEEE
Primary Resistance : 59.3 Ω +/-10%
Secondary Resistance: 74.4 Ω +/-10%
T.H.D. : 0 dBm @ 300Hz, -53dB Typ.
Insertion Loss : 1.5dB Ref. @ 1KHz

Note : [ ] = mm
All dimensions are reference unless otherwise specified.



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SCALE: None	APPROVED BY: GaryGarcia	DRAWN BY G.G.
DATE: 04-29-88		REVISED

Prem Standard Product

Transformer p/n SPT - 010

DRAWING NUMBER
B-SPT-010-6