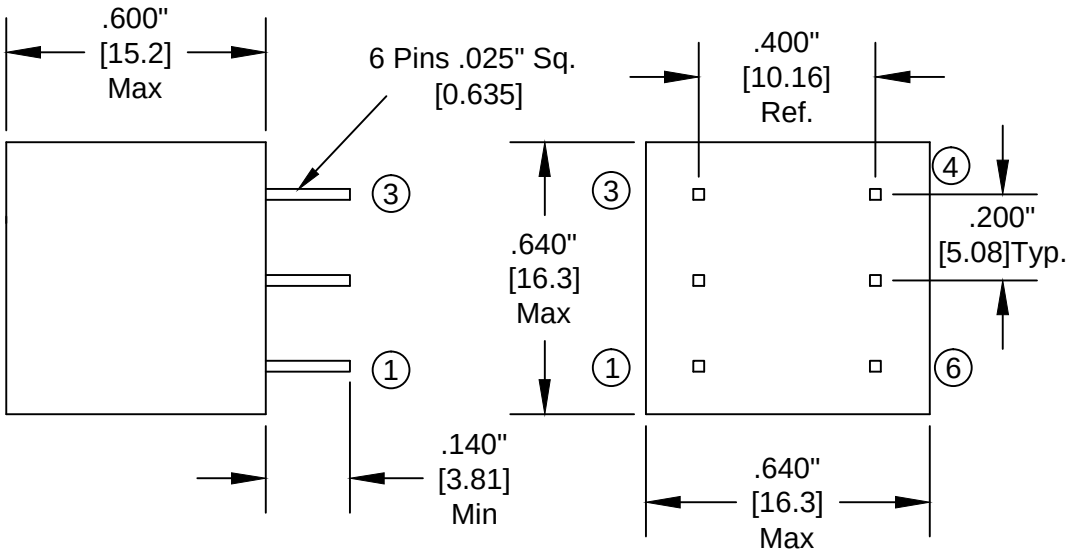
- HIGH ISOLATION TRANSFORMERS FOR SAFETY CRITICAL COMPONENT CLASSIFICATION.
- DESIGNED FOR VOICE AND DATA APPLICATIONS IN THE EUROPEAN MARKET.
- UL 94-VO MATERIALS.
- HIPOT RATINGS ARE 3,750 VRMS.
- RATED FOR MAXIMUM WORKING VOLTAGE OF 250 VOLTS.
- INSULATION RESISTANCE > 100MΩ @ 500V.D.C..
- DESIGNED FOR DRY CIRCUITS.
- 100% FINAL TESTED BEFORE SHIPPING.
- IMPEDANCE RATIOS OF 600Ω TO 600Ω.
- UTILIZES REINFORCED INSULATION.
- PIN OUTS ARE SYMMETRICAL AND CAN BE
- ROTATED 180° WITHOUT CHANGING ELECTRICAL PERFOMANCE.

REVISIONS

DATE	REV	DESCRIPTION	APPV'D
12/28/88	-1	.640" Max was .600" Max	M.M.
01/10/89	-2	Add Dimensions in millimeter	G.G.
02/06/89	-3	Delete 1KHz and indicate range on return loss	G.G.
10/17/91	-4	Change harmonic distortion parameters	T.JK.
08/06/93	-5	Change harmonic distortion parameters	T.JK.
06/03/97	-6	.140" Min was .165" Ref.	M.M.
12/22/15	-7	Updated entire drawing	Tjk



Side View

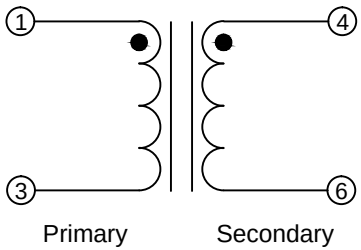
Bottom View

Electrical Parameters

Primary Impedance : 600 Ω
Secondary Impedance : 600 Ω
Max DC Current : 0 dc
Turns Ratio : 1:1 +/-2%
Dielectric : 3750 Vrms 1Minute Minimum
Insulation Resistance : 100 Meg Ω @ 500Vdc
Frequency Response : +/-0.25dB 200 - 4KHz
Return Loss : 14.0 dB Min. 200 - 4KHz
Longitudinal Balance : 60dB Min,per IEEE
Primary Resistance : 70.0 Ω +/-10%
Secondary Resistance: 70.0 Ω +/-10%
T.H.D. : 0 dBm @ 300Hz, -60dB Typ.
-10 dBm @ 600Hz, -72dB Typ.
Insertion Loss : 1.3dB Ref. @ 1KHz

Note : Unit is symetrical and can be rotated 180°.
Note : [ ] = mm

All dimensions are reference unless otherwise specified.



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SCALE: None	APPROVED BY: Tj Klotz	DRAWN BY G.G.
DATE: 05-31-88		REVISED

Designed for BSI Applications

Transformer p/n SPT - 015

DRAWING NUMBER B-SPT-015-7