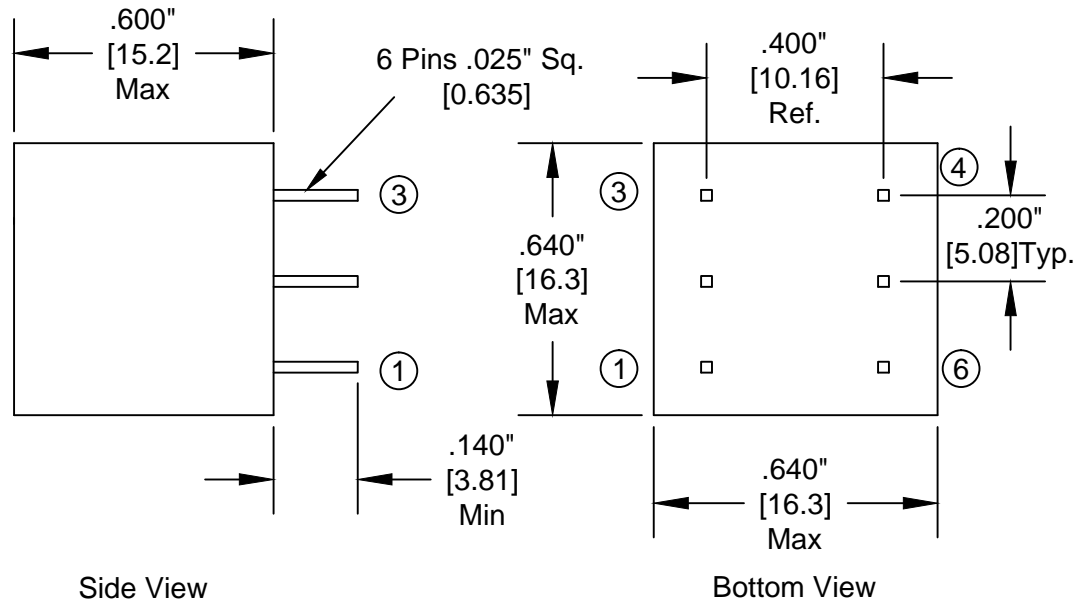


- HIGH ISOLATION TRANSFORMERS FOR SAFETY CRITICAL COMPONENT CLASSIFICATION.
- DESIGNED FOR VOICE AND DATA APPLICATIONS IN THE EUROPEAN MARKET.
- UL 94-VO MATERIALS.
- HIPOT RATINGS ARE 3,750 VRMS.
- RATED FOR MAXIMUM WORKING VOLTAGE OF 250 VOLTS.
- INSULATION RESISTANCE > 100M Ω @ 500VDC.
- DESIGNED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



Electrical Parameters

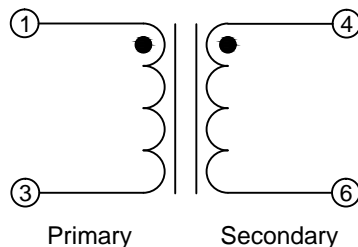
Primary Impedance : 600 Ω
 Secondary Impedance : 600 Ω
 Max DC Current : 0 dc
 Turns Ratio : 1:1 +/-2%
 Dielectric : 3750 Vrms 1Minute minimum
 Insulation Resistance : 100 Meg Ω @ 500Vdc
 Frequency Response : +/-0.25dB 200 - 4KHz
 Return Loss : 14.0 dB Min. 200 - 4KHz
 Longitudinal Balance : 60dB Min,per IEEE
 Primary Resistance : 70.0 Ω +/-10%
 Secondary Resistance: 70.0 Ω +/-10%
 T.H.D. : 0 dBm @ 300Hz, -70dB Typ.
 -10 dBm @ 600Hz, -78dB Typ.
 Insertion Loss : 1.1dB Ref. @ 1KHz

REVISIONS			
DATE	REV	DESCRIPTION	APPV'D
08/06/93	-1	Add THD parameter for 300Hz	Tjk
06/03/97	-2	.140" Min was .165" Ref.	M.M.
05/18/15	-3	Updated drawing	Tjk
12/22/15	-4	Updated drawing with points	Tjk

All dimensions are reference unless otherwise specified.

Note : Unit is symetrical and can be rotated 180°.

Note : [] = mm



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 Johnsburg, Illinois
 3521 N. Chapel Hill Rd. / McHenry, Illinois 60051

SCALE: None	APPROVED BY: <i>Tj Klotz</i>	DRAWN BY Tjk
DATE: 07-15-93		REVISED
Designed for BSI Applications		
Transformer p/n SPT - 016		DRAWING NUMBER B-SPT-016-3