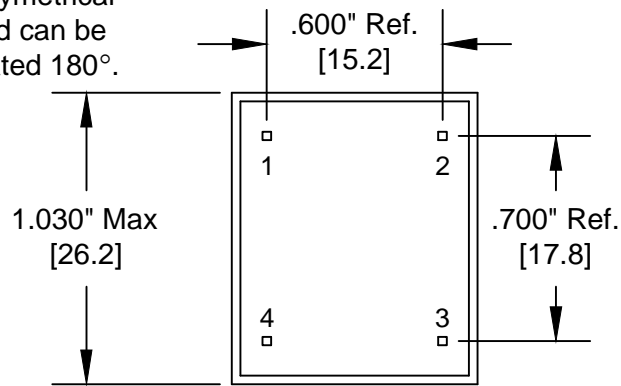


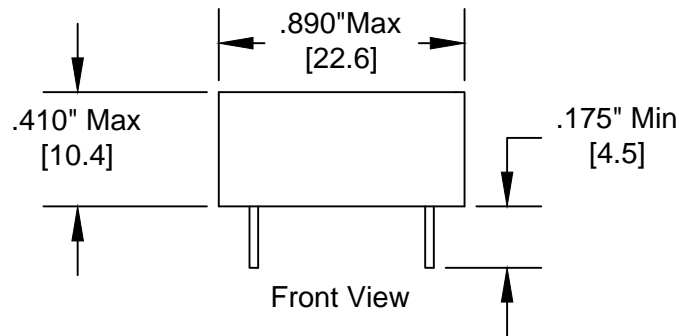
- HIGH ISOLATION TRANSFORMERS FOR SAFETY CRITICAL COMPONENT CLASSIFICATION.
- DESIGNED FOR VOICE AND DATA APPLICATIONS IN THE EUROPEAN MARKET.
- UL 94-VO MATERIALS.
- HIPOT RATINGS ARE 3,750 VRMS.
- RATED FOR MAXIMUM WORKING VOLTAGE OF 250 VOLTS.

- 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 PERFORMANCE.

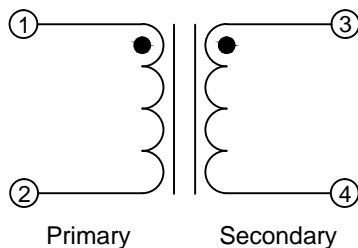
Note : Unit is symetrical and can be rotated 180°.



Bottom View

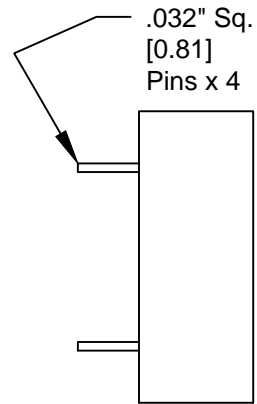


Front View



Primary

Secondary



Side View

Note : [] = mm

All dimensions are reference unless otherwise specified.

REVISIONS

DATE	REV	DESCRIPTION	APPV'D
01/10/89	-1	Add Dims. in millimeters	G.G.
10/24/89	-2	Chg Dimension .029" Sq. to .032" Sq.	G.G.
10/17/91	-3	Chg. Harm. Dist. Parameter	T.JK.
08/06/93	-4	Change T.H.D. parameters	T.JK.
12/22/15	-5	Updated entire drawing	T.JK.

Electrical Parameters

Primary Impedance : 600 Ω

Secondary Impedance : 600 Ω

Max DC Current : 0 dc

Turns Ratio : 1:1 +/- 2%

Dielectric : 3750 Vrms 1Min. Minimum

Insulation Resistance : 100 Meg Ω Min @ 500Vdc

Frequency Response : +/- 0.25dB 200 - 4KHz

Return Loss : 14.0 dB Min. 200 - 4KHz

Longitudinal Balance : 60dB Min,per IEEE

Primary Resistance : 58.0 Ω +/-10%

Secondary Resistance: 58.0 Ω +/-10%

T.H.D. : 0 dBm @ 300Hz, -60dB Typ.

-10 dBm @ 600Hz, -72dB Typ.

Insertion Loss : 1.2dB Ref. @ 1KHz

PREM[®]
MAGNETICS INCORPORATED

CUSTOM ENGINEERING MAGNETIC COMPONENTS
Johnsburg, Illinois
3521 N. Chapel Hill Rd. / McHenry, Illinois 60051

SCALE: None

APPROVED BY:

DRAWN BY G.G.

DATE: 04-29-88

Tj Klotz

REVISED

Designed for BSI Applications

Transformer p/n SPT - 013

DRAWING NUMBER
B-SPT-013-5