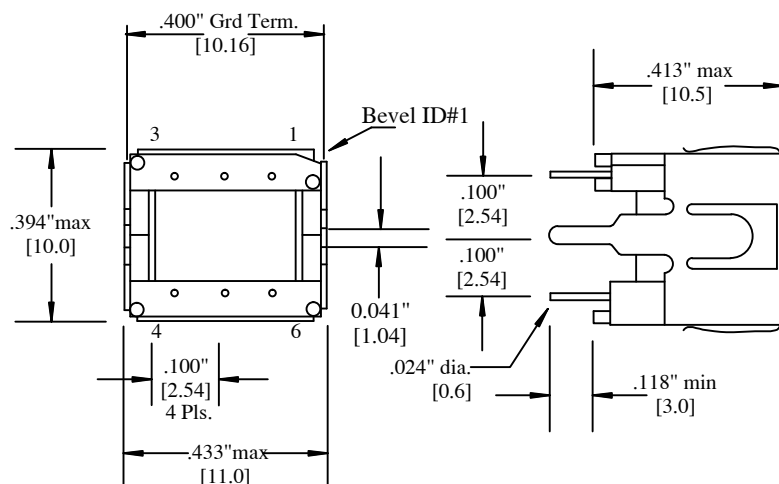
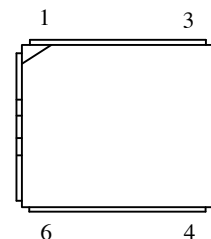


- HIGH SPEED DATA TELEPHONY TRANSFORMERS FOR VOICE, DATA AND xDSL APPLICATIONS.
- LOW PROFILE (0.413"/10.50mm MAX HEIGHT).
- SMALL BOARD AREA USAGE (<0.434"/11.03mm SQUARE).
- T1/E1 PULSE TRANSFORMER.

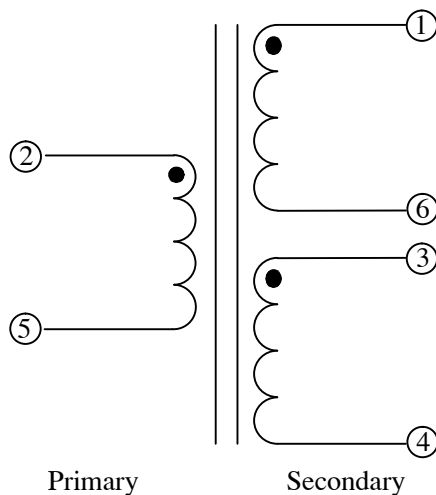
REVISIONS			
DATE	REV	DESCRIPTION	APPV'D
04-05-16	-1	Updated entire drawing	Tjk



Bottom View



Top View



Primary

Secondary

Electrical Parameters

Primary Dcr (2-5) : 0.60 Ohms Max.

Secondary Dcr : (1-6) : 0.60 Ohms Max.

(3-4) : 0.60 Ohms Max.

Turns Ratio (2-5) : (1-4) : 1:2 ± 1%

Impedance (2-5) : 100 Ohms +/- 10%

Load 400 Ohms (1-4) tie (3-6)

Frequency Response : +/- 0.5dB 100K - 4.0MHz,

Ref. 772KHz

Insertion Loss : 0.2dB Max. @ 772KHz

Return Loss : 15.0dB Min. 100K- 4.0MHz

Vs. 100 Ohms

Longitudinal Balance : 35.0 dB min., 1.544MHz

Dielectric Strength : 1500 VDC 1sec.

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

PREM[®]
MAGNETICS INCORPORATED

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

SCALE: None

APPROVED BY:

DRAWN BY Tjk

DATE: 10-13-99

Tj Klotz

REVISED

T1/E1 Transformer

P/N SPT-2003

DRAWING NUMBER

B-SPT-2003-1