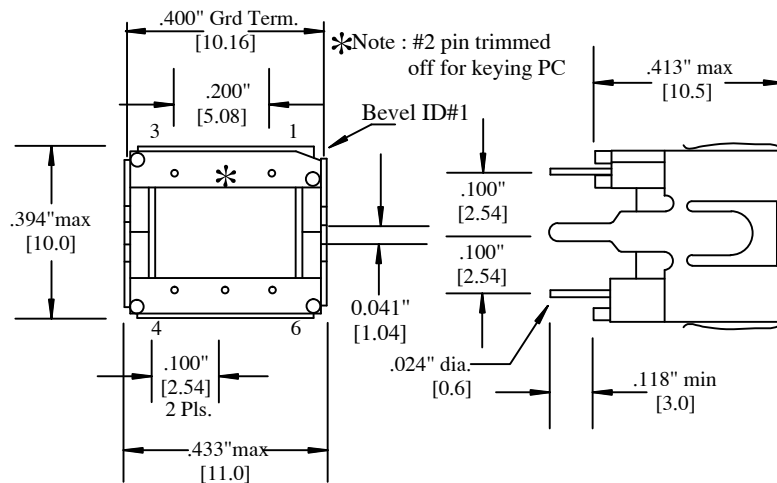
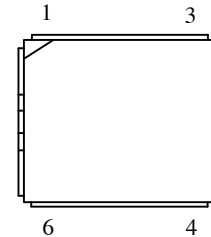


- HIGH SPEED DATA TELEPHONY TRANSFORMERS FOR VOICE, DATA AND xDSL APPLICATIONS.
- LOW PROFILE (0.413"/10.50mm MAX HEIGHT)
- SMALL BOARD AREA USAGE (<0.434"/11.03mm SQUARE)
- FOR DALLAS SEMICONDUCTOR DS2125Q/DS2153Q T1/E1 APPLICATIONS

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



Bottom View



Top View

Electrical Parameters

Primary Dcr (4-6) : 0.20 Ohms Max.

Secondary Dcr : (1-3) : 0.50 Ohms Max

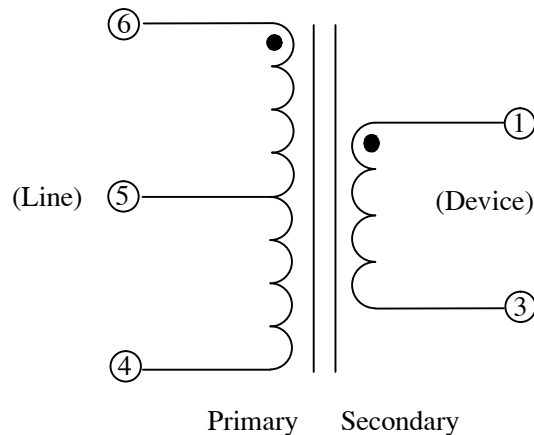
Turns Ratio (1-3):(4-6) : 0.735 :1 ± 2%

Inductance (1-3) : 700 mH min.@ 1KHz, 0.1V, Ls

Leakage Inductance (1-3) : 1.3 mH max.@ 10KHz, 0.1V, Ls

Longitudinal Balance : 35.0 dB min., 1.544MHz

Dielectric Strength :1500 Vrms 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: <i>Tj Klotz</i>		DRAWN BY Tjk
DATE: 10-13-99			REVISED
T1/E1 Transformer App. For Dallas Semiconductor DS2151Q/DS2153Q IC's			
P/N SPT-2002		DRAWING NUMBER B-SPT-2002-1	