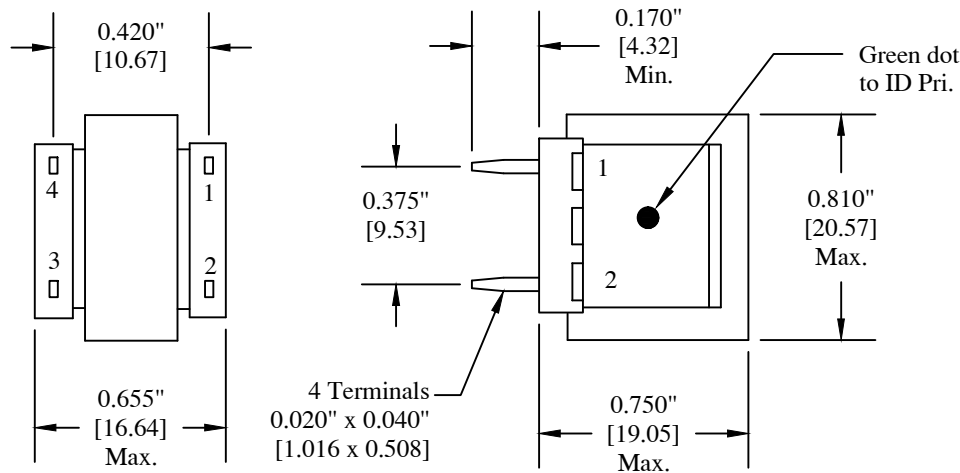


- DATA APPLICATIONS ONLY.
- FOR V.29 MODEMS (9.6Kbps).
- DESIGNED FOR "WET" (W/ DC) CIRCUITS.
- IMPEDANCE RATIOS OF 600 Ω : 600 Ω .
- MINIMAL USE OF PC BOARD AREA (<1.0"/25.4mm SQUARE).
- UL RECOGNIZED COMPONENT - UL 1863, FILE E138250.

REVISIONS			
DATE	REV	DESCRIPTION	APPV'D
9-21-93	-1	Chg'd THD Spec. was specified in % distortion	TJK
06-02-97	-2	Changed to .170" Min was .190" Ref.	M.M.
04-07-16	-3	Updated entire drawing	Tjk

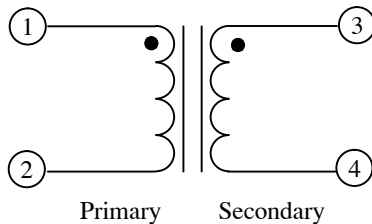
Electrical Parameters

Primary Impedance: 600 Ohms
 Secondary Impedance: 600 Ohms
 Max DC Unbalance: 80mA
 Turns Ratio: 1 : 1 ±2%
 Dielectric Strength: 1500Vrms P-S-C, 1 second
 Frequency Response: ±3.0dB 300 -600Hz
 ±1.0dB 600 -3.5KHz
 (1KHz Ref.)
 Return Loss: 6.0dB Min. @ 300Hz
 Echo Return Loss: 9.0dB Min.
 Insertion Loss : (Ref. @ 1KHz) 2.3 dB
 Primary D.C.R. : 180.0 Ω ±10%
 Secondary D.C.R. : 75.0 Ω ±10%
 THD: 0dBm @ 300Hz Input, -55dB Typ.
 Longitudinal Balance: 60 dB min. Per IEEE
 Use 600 Ω Load for Transmission Tests



All dimensions are reference unless otherwise specified.
 [] = millimeters

Note: Reflected Z = 750 Ohms typical @ 1KHz, 80 mA
 DC/Primary & 600 Ohm RL/Secondary



		CUSTOM ENGINEERING MAGNETIC COMPONENTS Johnsburg, Illinois 3521 N. Chapel Hill Rd. / McHenry, Illinois 60051
SCALE: None	APPROVED BY:	DRAWN BY Tjk
DATE: 04-07-2016	<i>Tj Klotz</i>	REVISED
Mechanical / Electrical Drawing for Part SPT-2105		
(Voice/Data Transformer)		DRAWING NUMBER C SPT-2105-3