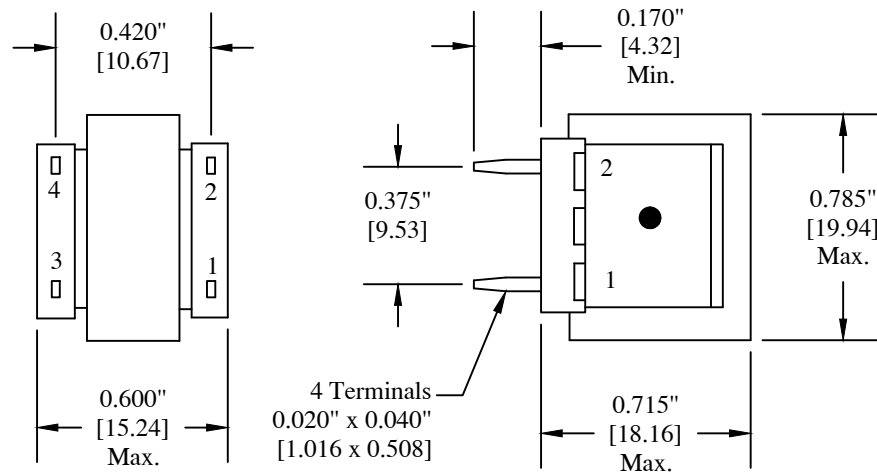
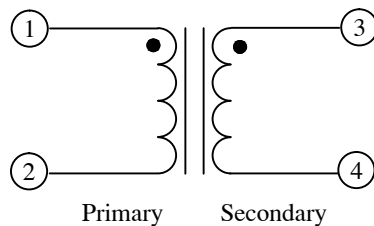


- VOICE & DATA APPLICATIONS.
- FOR V.29 MODEMS (9.6Kbps).
- DESIGNED FOR DRY (NO DC) CIRCUITS.
- IMPEDANCE RATIOS OF 600 Ω : 600 Ω .
- MINIMAL USE OF PC BOARD AREA (<1.0" SQUARE).
- UL RECOGNIZED COMPONENT - UL 1863, FILE E138250.

REVISIONS			
DATE	REV	DESCRIPTION	APPV'D
9-21-93	-1	Chg'd THD Spec. was specified in % distort.	TJK
06-21-97	-2	Changed to .170" Min was .187 Ref.	M.M.
01-09-01	-3	Revised Print to Computer generated.	G.G.
02-22-16	-4	Updated entire drawing	Tjk



All dimensions are reference unless otherwise specified.



Electrical Parameters

Primary Impedance: 600 Ohms
 Secondary Impedance: 600 Ohms
 Max DC Unbalance: 0
 Turns Ratio: 1:1 $\pm 2\%$
 Dielectric Strength: 1500Vrms P-S-C
 Frequency Response: ± 0.5 dB 300 -3.5KHz
 (1KHz Ref.)
 Return Loss: 14.5dB Min. @ 300Hz
 Echo Return Loss: 20.5dB Min.
 Insertion Loss : (Ref. @ 1KHz) 1.0 dB
 Primary D.C.R. : 35.0 Ω $\pm 10\%$
 Secondary D.C.R. : 35.0 Ω $\pm 10\%$
 THD: 0dBm @ 300Hz Input, -55dB Typ.
 Longitudinal Balance: 60 dB min. Per IEEE
 Use 600 Ω Load for Transmission Tests

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: 01-09-01	<i>Tj Klotz</i>	REVISED	
Mechanical / Electrical Drawing for Part SPT-128			
(Voice/Data Transformer)			DRAWING NUMBER C SPT-128-4