

CEPT

Matching Transformer

6797

Specially designed to match a 120Ω twisted pair to a 75Ω coaxial line in the CEPT trunk.

Features:

- Small size
- Low cost

Applications:

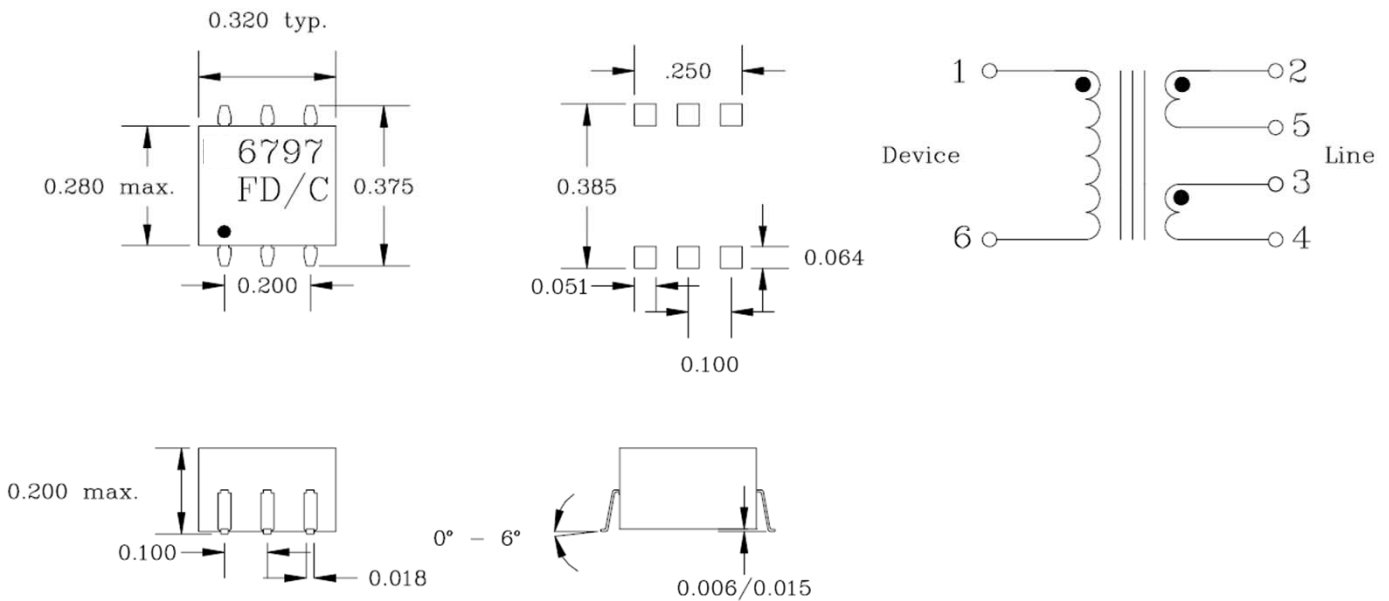
- Digital subscriber lines.
- High speed data transmission over twisted wire.
- Digital PABX line cards and telephone sets.



Mechanical and Schematic (All dimensions in inches)

SUGGESTED PAD LAYOUT

SCHEMATIC



ELECTRICAL SPECIFICATION @ 25°C

Part Number	Turns Ratio	Inductance (mH MIN)	Line Impedance (Ω)		Return Loss (dB MIN)			Longitudinal Balance (dB MIN)	Hipot (Vrms)
			1-6	2-4	51KHz-102KHz	102KHz-2048KHz	2048KHz-3072-KHz		
6797	1:1.272	0.7	75	120	>12	>18	>14	>40	1500