

CRITCHLEY ISDN TRANSFORMERS

6U105 / 6U106



➤ For use with the following Chipsets:

National Semiconductor	TP3410
SGS	STLC5411FN / 5411P

- For use in 2 wire ISDN "U" interface applications.
- Up to 45mA of DC Current (Line Side).
- Applications include NTE's, Digital PBX, High Speed Modems & other ISDN applications.

ELECTRICAL SPECIFICATION*						
Inductance @ 10 kHz 0.1 Vrms.	Leakage Inductance @ 100 kHz 0.1 Vrms.	Turns Ratio	DC Resistance (max.)		Coupling Capacitance	Voltage Test (for 2 secs.)
1 - 4 (s/c 2-3)	1 - 4 (s/c 2-3, 6-7,5-8)	5 - 8 : 1 - 4 (s/c 6-7, 2-3)	5 - 8 (s/c 6-7)	1 - 4 (s/c 2-3)	5 - 8 : 1 - 4 (s/c 6-7, 2-3) @ 10kHz	5 - 1 (s/c 6-7, 2-3)
27 mH ±10%	< 50.0 μH	1 : 1.5	5.0 Ω	10.0 Ω	< 90 pF	2000V

* At 23°C

SCHEMATIC	MECHANICAL SPECIFICATION		
<p>Turns Ratio 1 : 1.5</p> <p>This component is tested to : IEC 68-2-14:1984 Nb (temperature range: -40°C to +125°C).</p> <p>Approximate Weight....8 grams</p>	<p style="text-align: center;">Through Hole Style - 6U105</p> <p style="text-align: center;">Surface Mount Style - 6U106</p> <p style="text-align: center;">Dimensions in mm</p>		
	TOP VIEW	SIDE VIEW	PIN / PAD LAYOUT

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