

10/100BASE-TX MAGNETICS MODULE

IC Grade Transfer-Molded Package withstand 235°C IR Reflow

Electrical Specifications: @25°C

Turns Ratio: PRI/SEC TX 1CT:1CT $\pm 3\%$ RX 1CT:1CT $\pm 3\%$

Isolation Voltage: 1500 Vrms (Input to Output)

OCL: 350uH Minimum @100KHz 100mV 8mADC

Leakage Inductance: 0.4uH Maximum @100KHz 100mV PRI Shorted

PRI/SEC Cw/w: 20pF Typical @100KHz 100mV

Rise Time: 2.5ns Typical

Insertion Loss: -1.0dB Maximum @100KHz - 100MHz

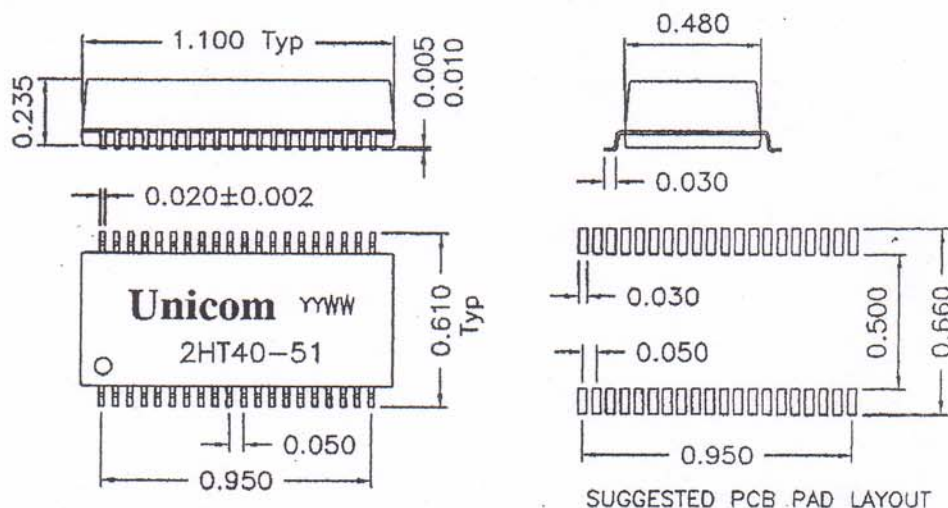
Return Loss: -18dB Min @1MHz-30MHz / -12dB Min @40MHz-50MHz

-10dB Min @60MHz - 80MHz

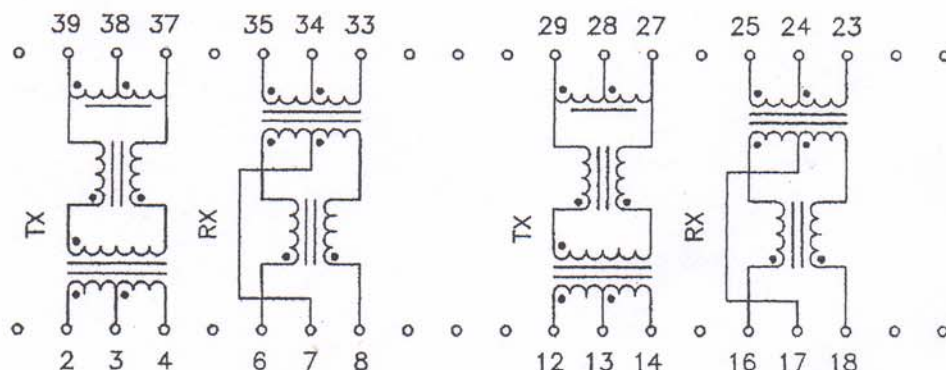
Cross Talk: -35dB Minimum @100KHz-100MHz

CMRR: -40dB Typical @100KHz - 100MHz

Mechanicals:



Schematics:



Specification subject to change without notice

P/N: 2HT40-51	DIMENSIONS IN INCH	Unless otherwise specified Dim. Tolerances are: .xxx ± 0.010	REV: A1	DRWN:	DATE: 04-11-15
	SCALE: NONE		PAGE: 1/1	APPD:	DATE:

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