

10/100BASE-T LAN MAGNETICS

DUAL TRANSFORMER

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

Electrical Specifications:@25 °C

Turn Ratio: 1CT:1CT $\pm 3\%$

Isolation Voltage: 1500Vrms (Input to Output)

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

Leakage Inductance: 0.4uH Maximum @100KHz 100mV

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

Rise Time: 2.5ns Typical

Insertion Loss: -1.0dB maximum @100KHz.- 100MHz

Return Loss: -20dB Min @100KHz-30MHz / -18dB @30MHz-60MHz

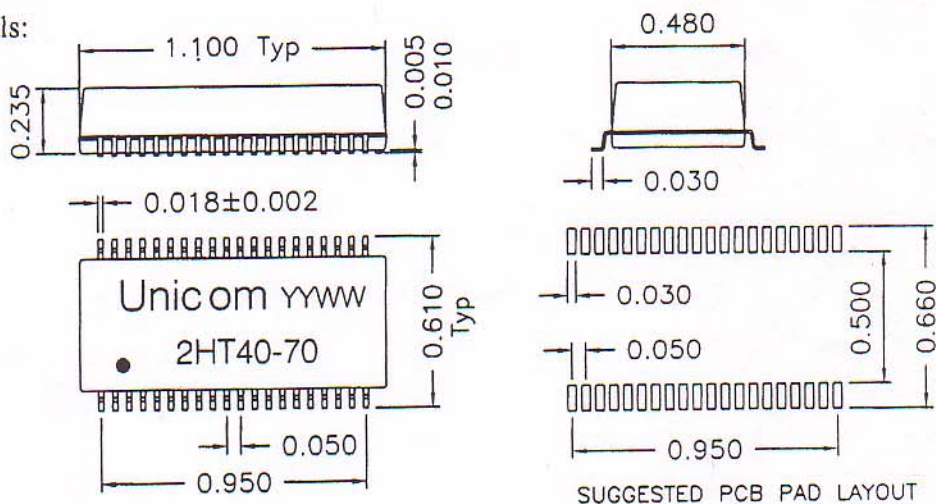
-12dB Min @60MHz - 80MHz

CROSS TALK:-55dB Minimum @100KHz-30MHz / -45dB Minimum @30MHz-60MHz

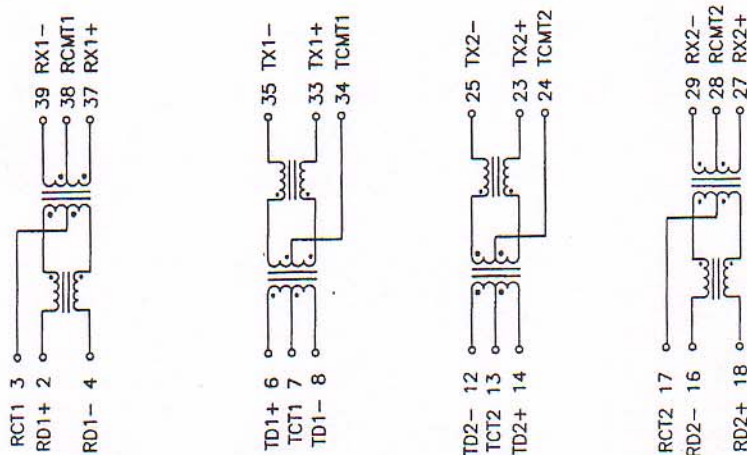
-35dB Minimum @60MHz-100MHz

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

Mechanicals:



Schematics:



*Specification Subject to Change Without Notice

P/N: 2HT40-70	DIMENSIONS IN INCH	Unless otherwise specified Dim. Tolerances are: .xxx ± 0.010	REV: A	DRWN:	DATE: 031209
	SCALE: NONE		PAGE: 1/1	APPD:	DATE:

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