

10/100BASE-TX DUAL PORT

Magnetics Module

Electrical Specifications: @25°C

Operating Temperature: 0°C ~ +70°C

Turns Ratio: PRI/SEC 1CT:1 ±3%

Isolation Voltage: 1500 Vrms (Input to Output)

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

Insertion Loss: -1.0dB Max @1MHz ~ 100MHz

Return Loss: -18dB Min @1 ~ 30MHz / -16dB Min @40MHz

-14dB Min @50MHz / -12dB Min @60MHz ~ 80MHz

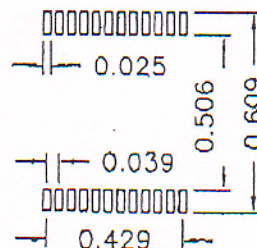
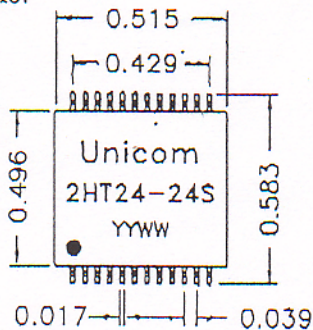
-10dB Min @100MHz

Crosstalk: -45dB Typ @30MHz / -40dB Typ @60MHz / -35dB Typ @100MHz

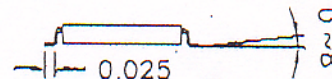
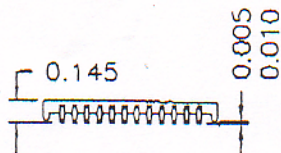
Differential to Common Mode Rejection:

-45dB Typ @1MHz ~ 60MHz / -35dB Typ @60MHz ~ 200MHz

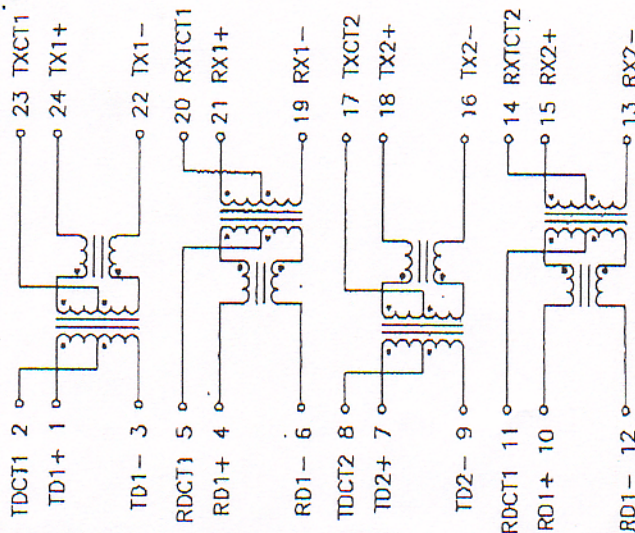
Mechanicals:



SUGGESTED PCB PAD LAYOUT



Schematics:



*Specification Subject to Change Without Notice

P/N: 2HT24-24S	DIMENSIONS IN INCH	Unless otherwise specified Dim. Tolerances are: .xxx ±0.010	REV: A0	DRWN:	DATE: 03-10-10
	SCALE: NONE		PAGE: 1/1	APPD:	DATE: