

10/100 BASE-TX QUAD PORT TRANSFORMER MODULES

For Use with Transceivers Requiring
1:1 Transmit and Receive Turns Ratios



- 1) Patented interlock Base design
- 2) Compliant with IEEE 802.3u and ANSI X3.263 standards including 350uH OCL with 8mA bias
- 3) Models designed to support four single or double stacked RJ-45 connectors
- 4) IC grade transfer-molded package withstands 245°C peak temperature profile
- 5) Isolation voltage : 1500Vrms

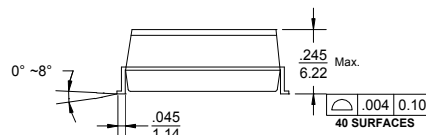
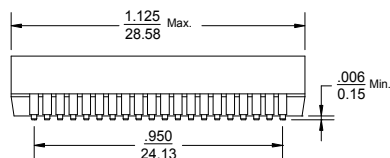
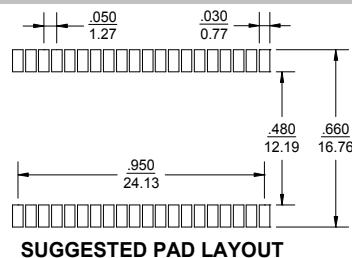
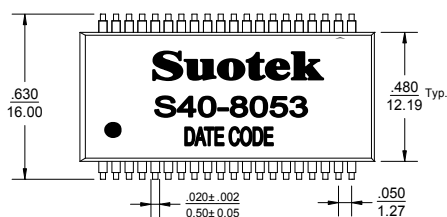


Electrical Specifications @ 25°C --- Operating temperature 0°C To 70°C .

Part Number : S40-8053

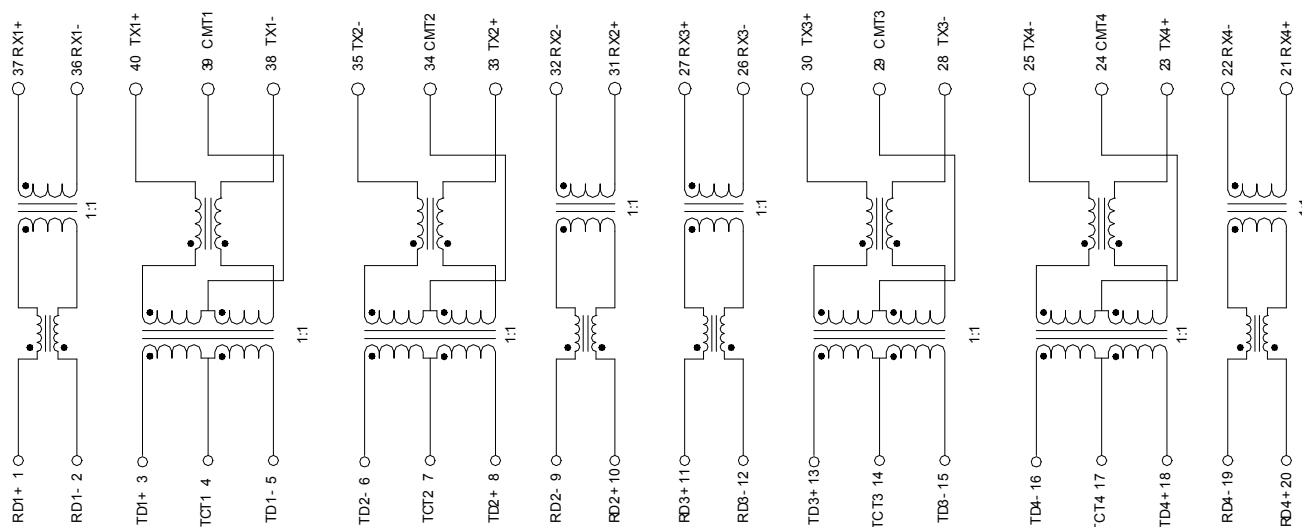
Insertion Loss (dB TYP)	Return Loss (dB TYP)					Differential to Common Mode Rejection (dB TYP)		Crosstalk (dB TYP)				Common to Common Mode Rejection Ratios (0.1~60MHz dB TYP)	
0.1~100MHz	2~30MHz	40MHz	50MHz	60~80MHz	1~60MHz	60~200MHz	1MHz	30MHz	60MHz	100MHz		Transmit	Receive
-0.5	-21	-17	-14.5	-12	-40	-30	-65	-50	-40	-30		-30	-30

Mechanical Dimensions (Unit: inches / mm)



Unless otherwise specified, all tolerances are $\pm 0.10 / 0.25$

Schematics



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