

10/100 BASE-TX TRANSFORMER MODULES

For Auto MDI / MDIX Applications

Isolation voltage : 1500Vrms Min.



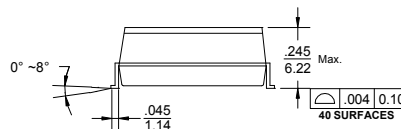
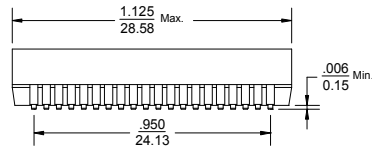
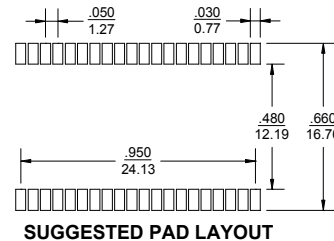
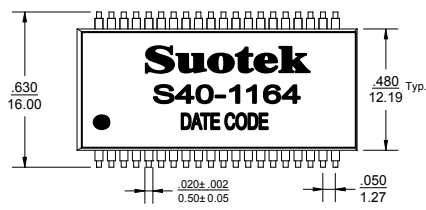
- 1) Symmetrical TX and RX channels for auto MDI / MDIX capability
- 2) Approved for use with the Broadcom BCM5226 and Level One LXT9784
- 3) Compliant with IEEE 802.3u and ANSI X3.263 standards including 350uH OCL with 8mA bias
- 4) Designed for reflow soldering at temperatures up to 245°C



Electrical Specifications @ 25°C

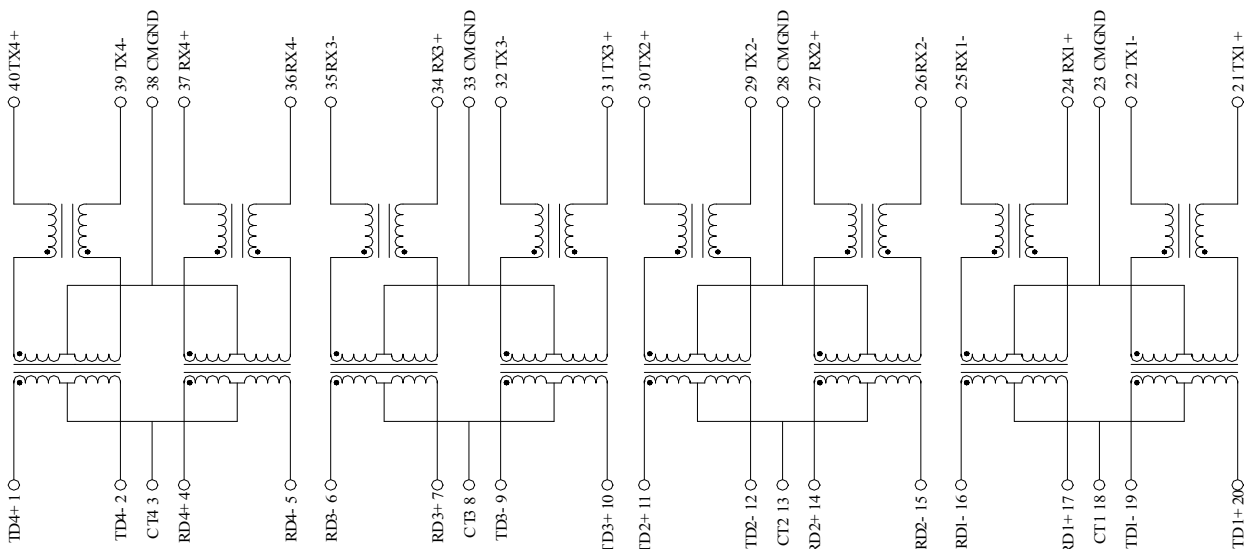
Part Number	Insertion Loss (Max)	Return Loss (dB Min)				Differential to Common Mode Rejection (dB Min)		Crosstalk (dB Min.)				Operating Temperature
		0.1~100MHz	2~30MHz	40MHz	50MHz	60~80MHz	1~60MHz	60~200MHz	1MHz	30MHz	60MHz	100MHz
S40-1164	-1.0	-18	-14.4	13.1	-12	-37	-25	-55	-45	-40	-33	0°C ~ 70°C
S40-1164G	-1.0	-18	-14.4	13.1	-12	-37	-25	-55	-45	-40	-33	-40°C ~ +85°C

Mechanical Dimensions (Unit: inches / mm)



Unless otherwise specified, all tolerances are $\pm 0.010 / 0.25$

Schematics



SUOTEK ELECTRONICS COMPANY LIMITED

Tel: 86-769-86318023 Fax : 86-769-86318022 Website: www.suotek.com E-mail: sales@suotek.com

Lan074