

Quad Ports Magnetics Module



LANKom Electronics Co., Ltd.
連康電子股份有限公司

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

Electrical Specifications: @25°C

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

Isolation Voltage: 1500Vrms (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

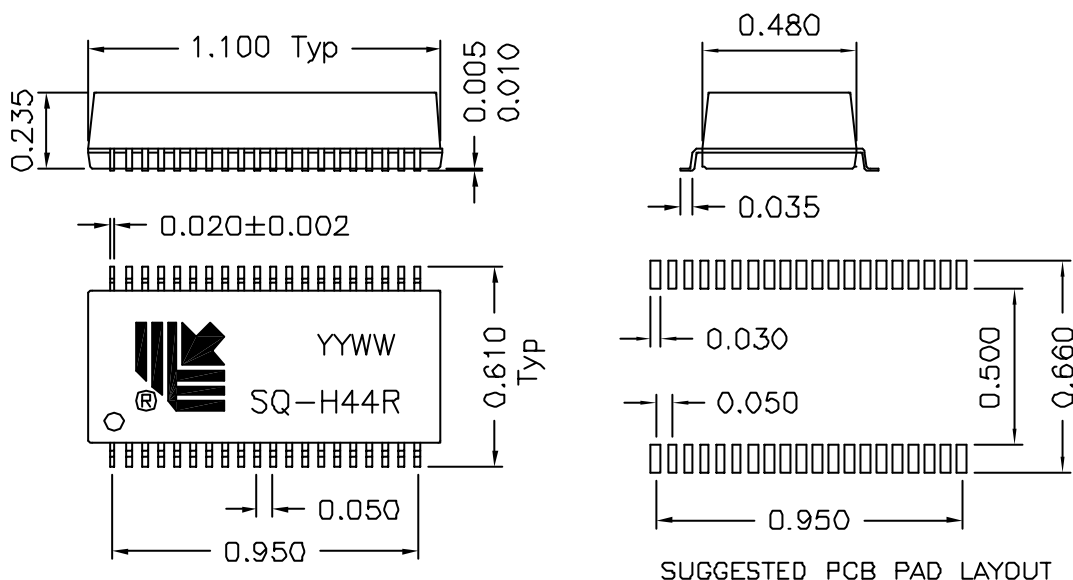
-14dB Min @40MHz-50MHz

-10dB Min @60MHz - 80MHz

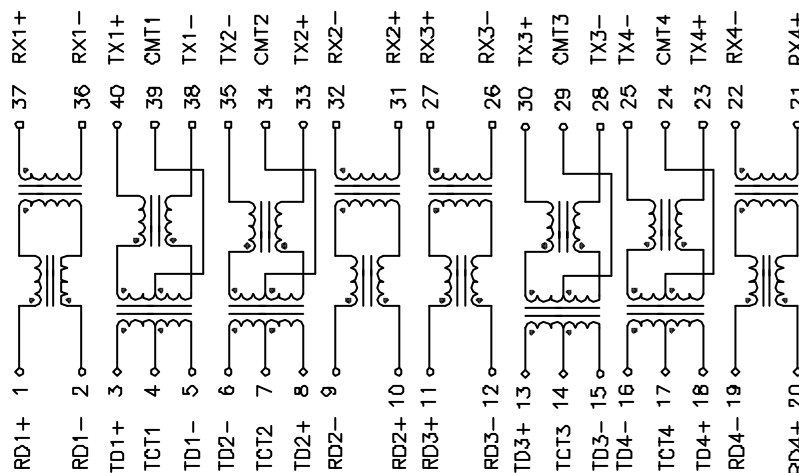
CROSS TALK: -35dB Minimum @100KHz-100MHz

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

Mechanicals:



Schematics:



Specification subject to change without notice

P/N: SQ-H44R	DIMENSIONS IN INCH	Unless otherwise specified Dim. Tolerances are: .xxx ±0.010	REV: C1	DRWN:	DATE:03-09-27
	SCALE: NONE		PAGE:1/1	APPD:	DATE: