

# Magnetics Module



LANKom Electronics Co., Ltd.

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### Electrical Specifications: @25°C

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

Turns Ratio: PRI/SEC 1CT:1CT  $\pm 3\%$

Isolation Voltage: 1500 Vrms (Input to Output)

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

Insertion Loss:  $-1.0\text{dB}$  Maximum @1MHz  $\sim 100\text{MHz}$

Return Loss:  $-18\text{dB}$  Minimum @1MHz  $\sim$  30MHz /  $-14\text{dB}$  Minimum @40MHz

-13dB Minimum @50MHz / -12dB Minimum @60MHz ~ 80MHz

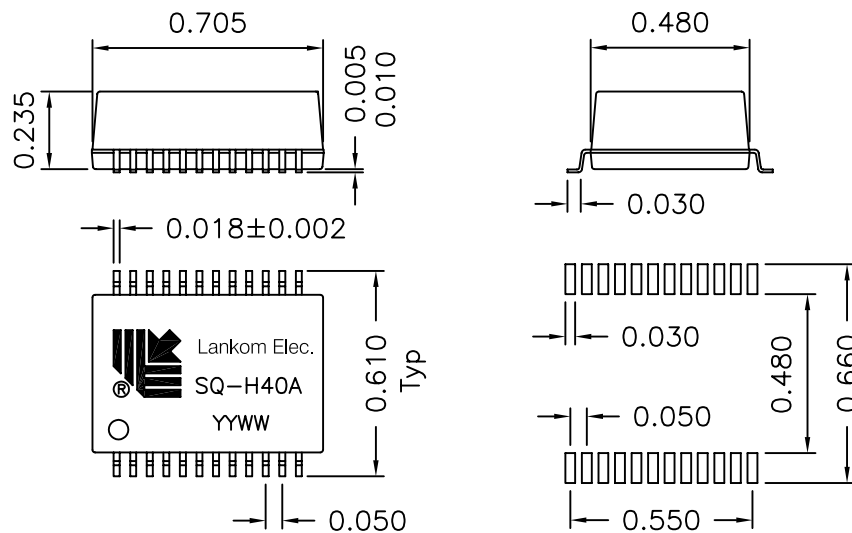
-10dB Minimum @100MHz

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

Differential to Common Mode Rejection:

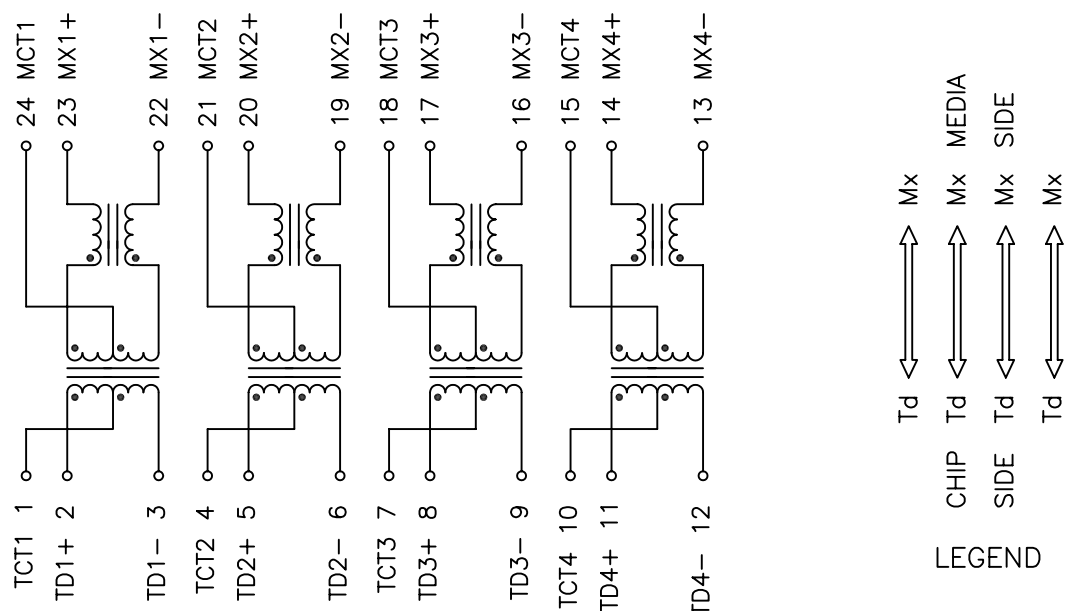
-43dB Min @30MHz / -37dB Min @60MHz / -33dB Min @100MHz

## Mechanicals:



### Schematics:

## SUGGESTED PCB PAD LAYOUT



\*Specification Subject to Change Without Notice

P/N: SQ-H40A	DIMENSIONS IN INCH	Unless otherwise specified Dim. Tolerances are: .xxx ±0.010	REV: B	DRWN:	DATE:03-09-02
	SCALE: NONE		PAGE:1/1	APPD:	DATE: