

10BASE-T LAN MAGNETICS

Quad Transformer Module

LM00502

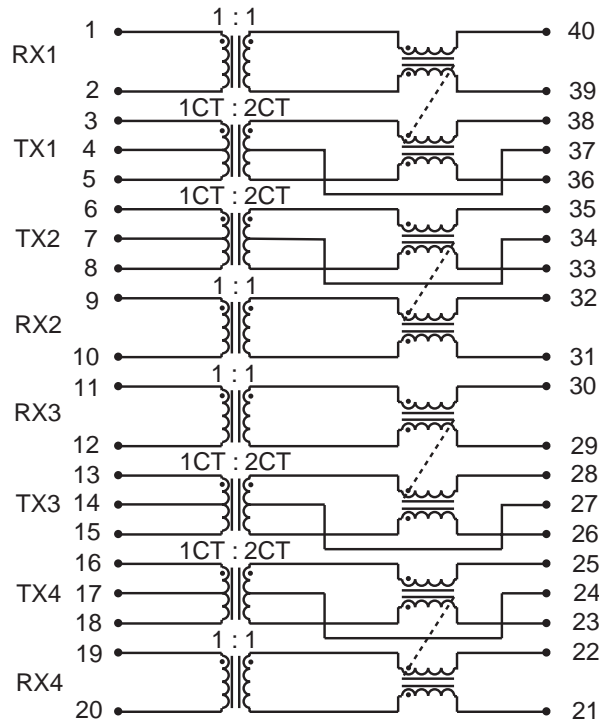
- Transformer turns ratio RX 1 : 1 and TX 1CT : 2CT
- Filterless quad, four-port designs with common footprint and pinouts
- Optimized for use with stackable RJ-45 connectors
- Utilizes standard 40 pin SMD packaging
- Low profile, surface mount packaging rated to 225° C peak IR reflow temperature
- Quad design offers best space, performance and cost efficiency
- Operating temperature 0° to 70° C
- Minimum interwinding breakdown voltage of 1500 Vrms

ELECTRICAL SPECIFICATIONS AT 25° C

Part Number	Insertion Loss dB max	Return Loss dB min	Common to Common Mode Rejection dB min			Crosstalk dB min
	1MHz to 10MHz	5MHz to 10MHz	5MHz to 10MHz	10MHz to 30MHz	30MHz to 100MHz	100KHz to 30MHz
S553-5999-28	-1.0	-16	-40	-35	-30	-40

SCHEMATIC

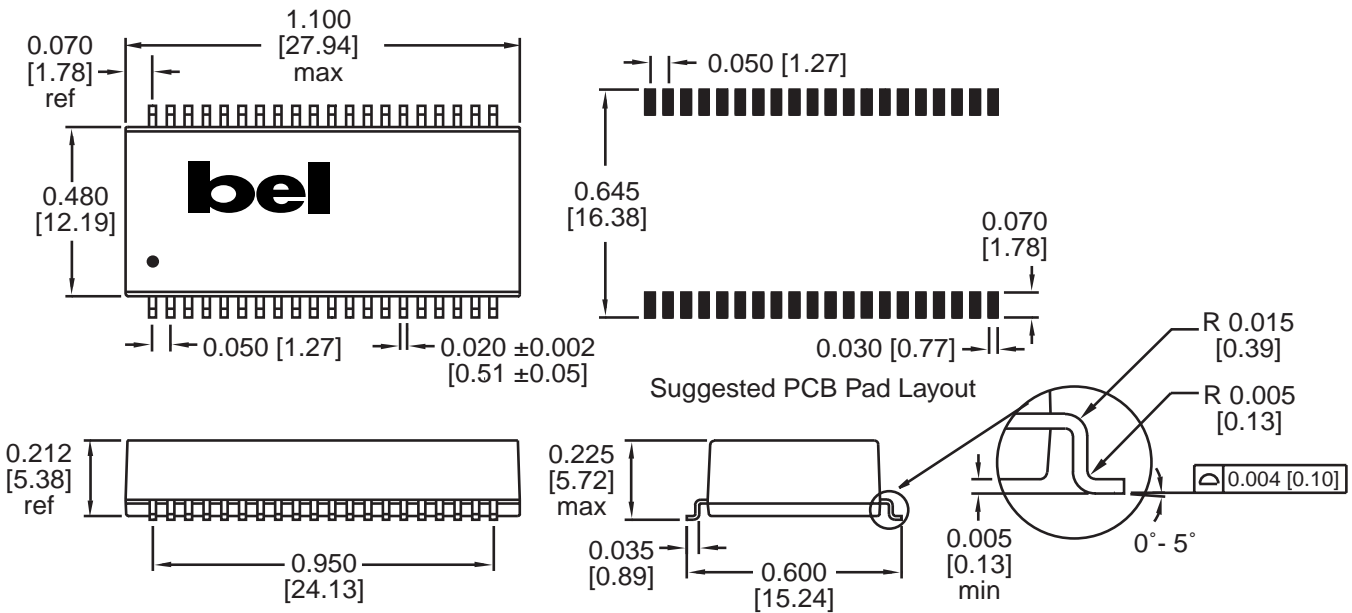
S553-5999-28



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MECHANICAL

S553-5999-28



Dimensions are in inches [millimeters].
Standard dimension tolerance is ±0.005 [0.13] unless otherwise noted.

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