

1000 BASE-T QUAD PORT LAN FILTER

Description

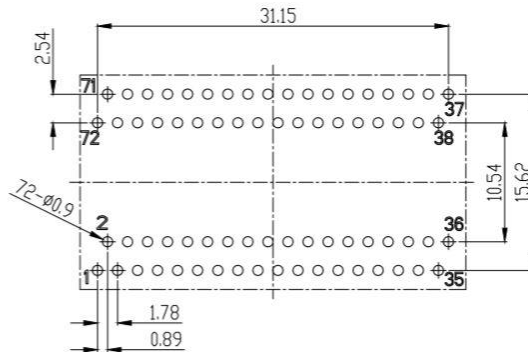
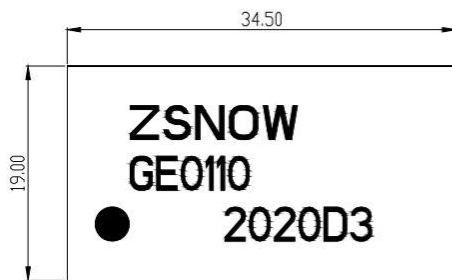
- IEEE 802.3ab requirement for 1000 BASE-T.
- Comply with RoHS & Halogen Free requirements.
- Operating temperature range from: -40°C to +85°C..
- Storage temperature range from: -40°C to +85°C.



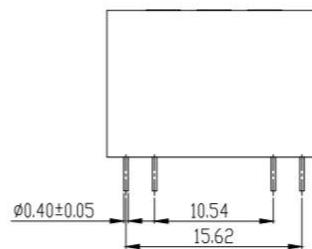
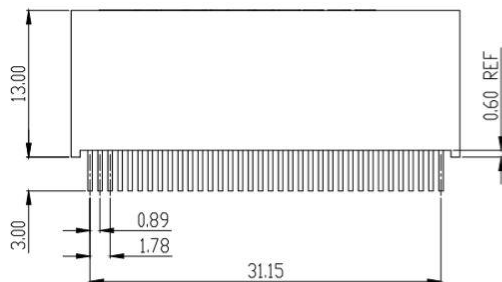
Electrical Specifications @ 25°C

Hi-pot:1500Vrms , Turns Ratio TX/RX(±5%):1CT:1CT , OCL:350uH min @100KHz/0.1V with 8mA DC Bias												
Part No	Insertion Loss (dB Max)	Return Loss (dB Min)					Cross talk (dB Min)			DCMR (dB Min)		
	1-100MHz	1-30MHz	40MHz	50MHz	60-80MHz	100MHz	30MHz	60MHz	100MHz	30MHz	60MHz	100MHz
GE0110	-1.0	-18	-16	-14.08	12.5	-10	-40	-35	-30	-40	-35	-30

Mechanical



SUGGESTED PAD LAYOUT



Dimension: mm / Unless otherwise specified, tolerances: ±0.25(mm)

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Schematic

