

10G BASE-T DUAL PORT LAN FILTER

Description

- Design for 10G ethernet application. Complying with IEEE 802.3bt standard.
- Suitable for End-span POE applications with 900mA current capability.
- Comply with RoHS & Halogen Free requirements.
- Operating temperature range from: -40°C to +85°C.
- Storage temperature range from: -40°C to +85°C.

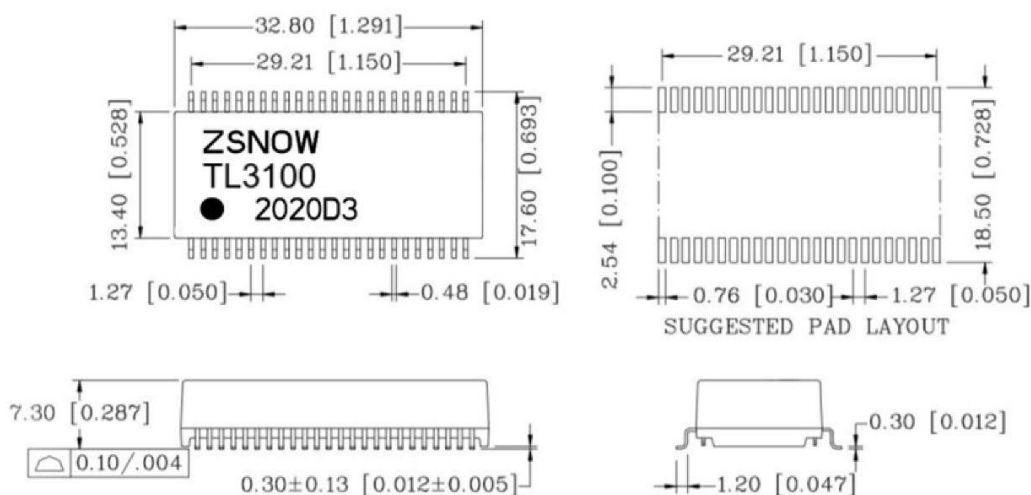


Electrical Specifications @ 25°C

Hi-pot:1500 Vrms , Turns Ratio TX/RX(±5%):1CT:1CT , OCL:100(uH Min) @100KHz/0.1V							
Part No	Insertion Loss (dB Max)			Return Loss (dB Min) Load 100Ω			
	1-300MHz	400MHz	500MHz	1-100MHz	200-300MHz	400MHz	500MHz
TL3100	- 1.0	-1.5	-2.0	-18	-12	-11	-10

Part No	Cross talk (dB Min)		DCMR (dB Min)	
	1-100MHz	100-500MHz	1-250MHz	250-500MHz
TL3100	-40	-30	-30	-22

Mechanical



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

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Schematic

