

10/100/1000 BASE-T SINGLE PORT LAN FILTER

Description

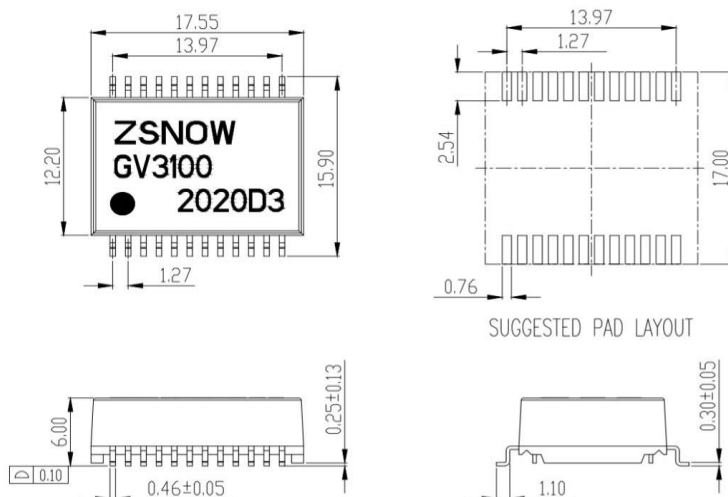
- IEEE 802.3bt/ANSI X3.263 compliant performance.
- Suitable for End-span POE applications with 1000mA current capability.
- Comply with RoHS & Halogen Free requirements.
- Operating temperature range from: -40°C to +85°C.
- Storage temperature range from: -40°C to +85°C.



Electrical Specifications @ 25°C

Hi-pot: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
GV3100	-1.4	-15	-13	-11	-9	-7	-40	-35	-30	-43	-37	-33

Mechanical



Dimension: mm / Unless otherwise specified, tolerances: $\pm 0.25(\text{mm})$

Schematic

