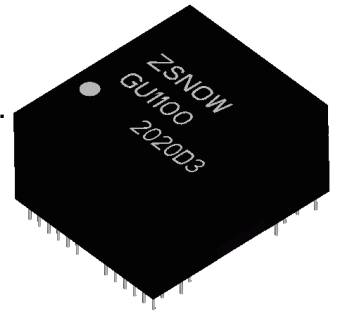


## 10/100/1000 BASE-T QUAD PORT LAN FILTER

### Description

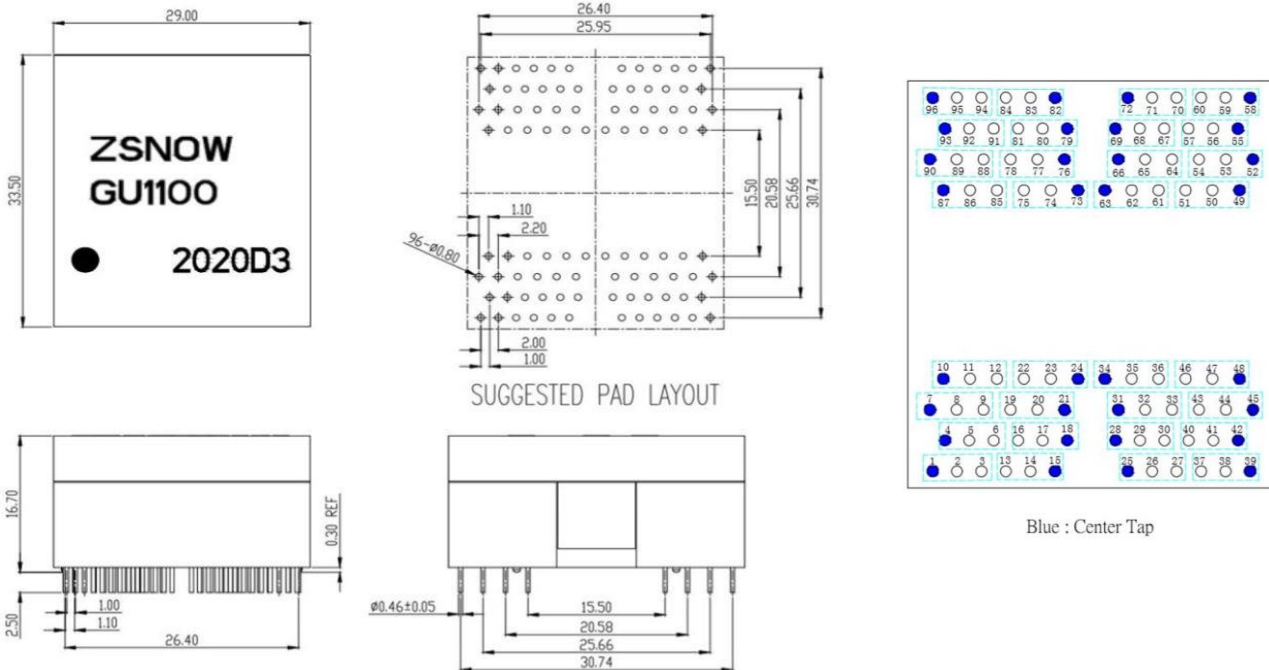
- IEEE 802.3af standard requirement for 1000 BASE-T.
- Suitable for End-span POE applications with 350mA current capability.
- Comply with RoHS & Halogen Free requirements.
- Operating temperature range from: -40°C to +85°C.
- Storage temperature range from: -40°C to +85°C.



### 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)		
		1-30MHz	40MHz	50MHz	60-80MHz	100MHz	30MHz	60MHz	100MHz	30MHz	60MHz	100MHz
<b>GU1100</b>	-1.0	-18	-16	-14.08	12.5	-10	-40	-35	-30	-40	-35	-30

### Mechanical



Blue : Center Tap

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

### 10/100/1000 BASE-T QUAD PORT LAN FILTER

## Schematic

