

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

### Description

- IEEE 802.3at/ANSI X3.263 compliant performance.
- Suitable for End-span POE applications with 720mA 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.

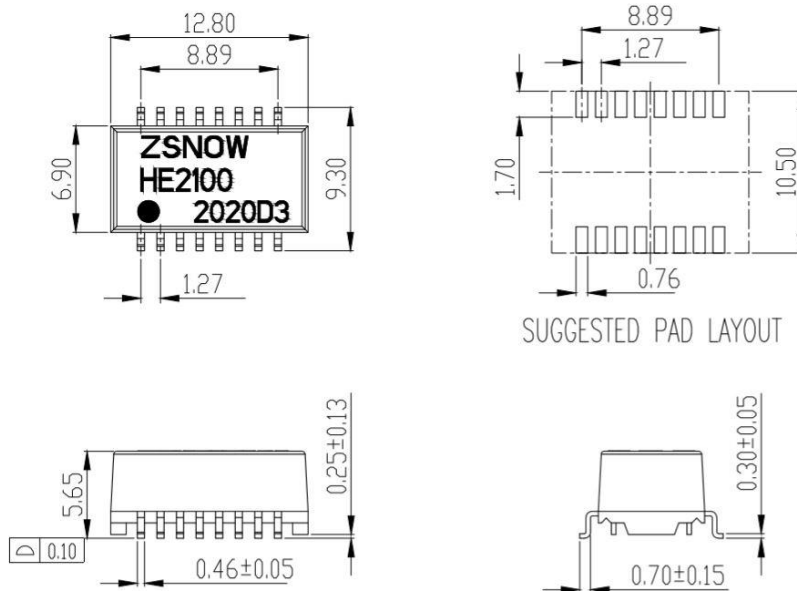


### Electrical Specifications @ 25°C

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)		
		30MHz	50MHz	80MHz	30MHz	60MHz	100MHz	30MHz	60MHz	100MHz
<b>HE2100</b>	-1.2	-16	-13	-12	-45	-40	-35	-43	-37	-33

### Mechanical



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

### Schematic

