

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

### Description

- Complying with IEEE 802.3u /ANSI X3.263 standards.
- Comply with RoHS & Halogen Free requirements.
- Operating temperature range from: -40°C to +85°C.
- Storage temperature range from: -40°C to +85°C.

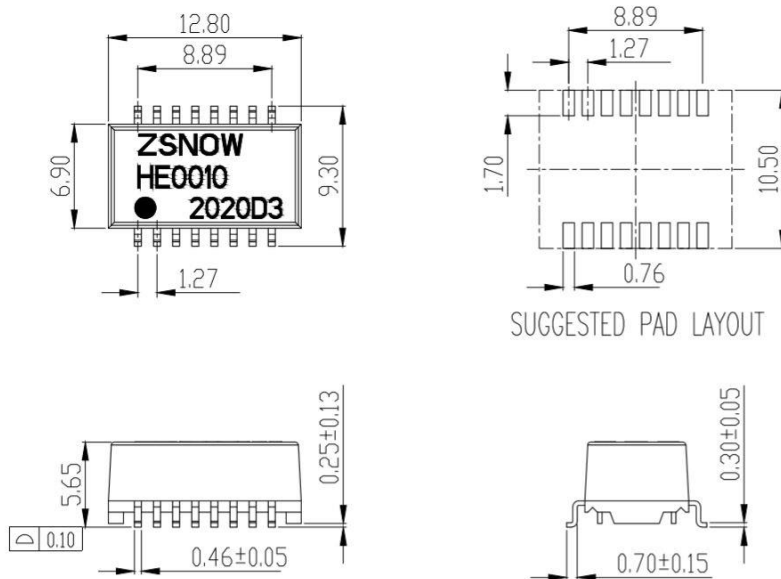


### Electrical Specifications @ 25°C

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)		
	0.5-100MHz	30MHz	60MHz	80MHz	0.3-60MHz	60-100MHz	30MHz	60MHz	100MHz
<b>HE0010</b>	-1.15	-18	-14	-12	-45	-35	-35	-35	-30

### Mechanical



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

### Schematic

