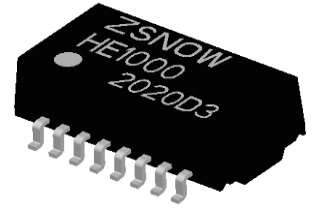


10/100 BASE-T SINGLE PORT LAN FILTER

Description

- IEEE 802.3af/ANSI X3.263 compliant performance.
- 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.

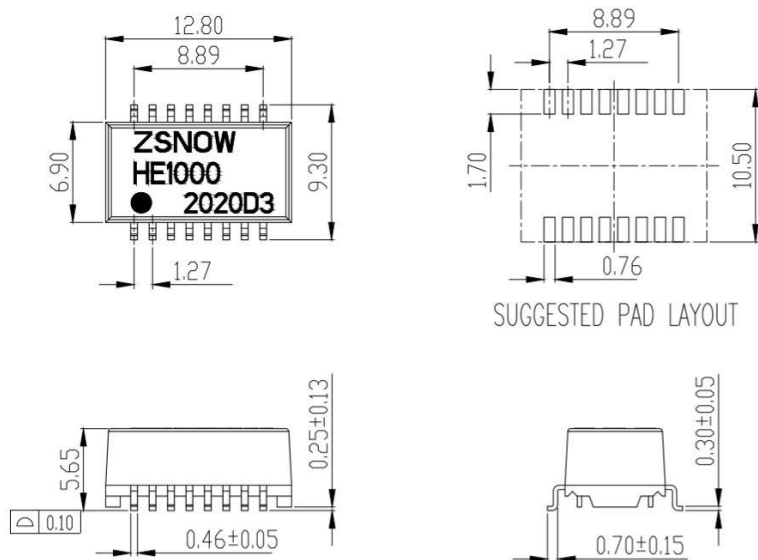


Electrical Specifications @ 25°C

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) | | |
|---------------|-------------------------|----------------------|-------|-------|---------------------|-----------|---------------|-------|--------|
| | 0.5-100MHz | 30MHz | 60MHz | 80MHz | 0.3-60MHz | 60-100MHz | 30MHz | 60MHz | 100MHz |
| HE1000 | -1.15 | -18 | -14 | -12 | -45 | -35 | -35 | -35 | -30 |

Mechanical



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

Schematic

