

100/1000 BASE-T Magnetics Module

NO: S16302



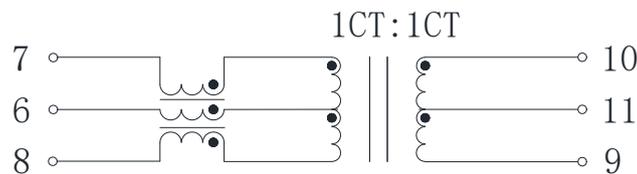
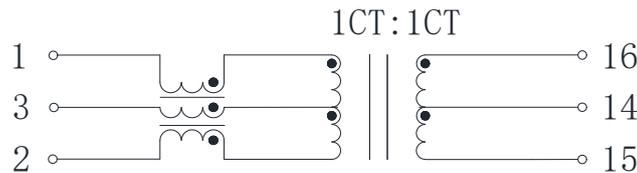
Feature:

- ◆ Meets IEEE 802.3 standards
- ◆ Comply with RoHS & Halogen Free requirements.
- ◆ Operating Temperature: 0°C~+70°C
- ◆ Storage temperature range: 0°C to + 125°C.

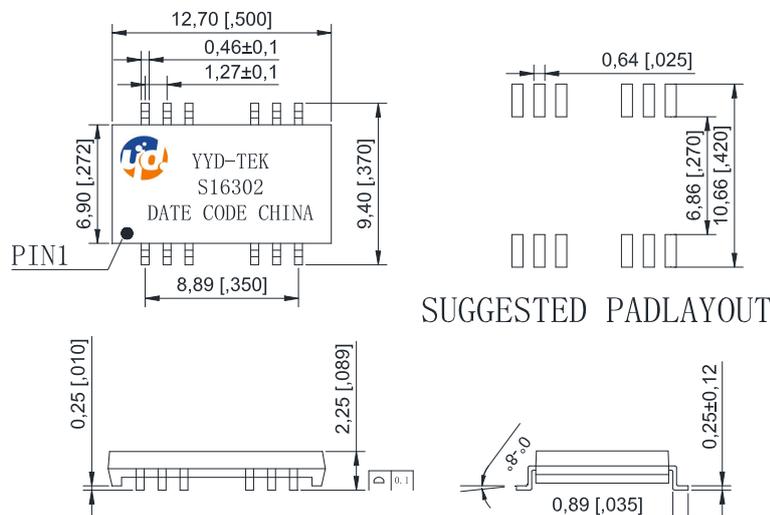
Electrical Specification @25°C

| | | | |
|---------------------|-------------------------|--------------|------------|
| Inductance: | 350uH Min. @100KHz/0.1V | | |
| Hi-POT : | 1500VAC/1Sec/1mA | | |
| Leakage inductance: | 0.5uH Max. @100KHz/0.1V | | |
| C.W.W. | 30pF Max. @100KHz/0.1V | | |
| D.C.R: | 1.2 Ω max | | |
| Turn Ratio: | 1CT:1CT±2% | | |
| Insertion Loss: | -1.2dB Max.@1-100MHz: | | |
| Return Loss: | 1-40MHz | 60 MHz | 100MHz |
| | -16dB Min. | -14.4dB Min. | -12dB Min. |
| D.C.M.R : | -30dBMin.@1-100MHz | | |
| Cross Talk : | -30dBMin.@1-100MHz | | |

Schematic:



Mechanical:



Dimension:mm

Unless otherwise specified, all tolerance are±0.25