

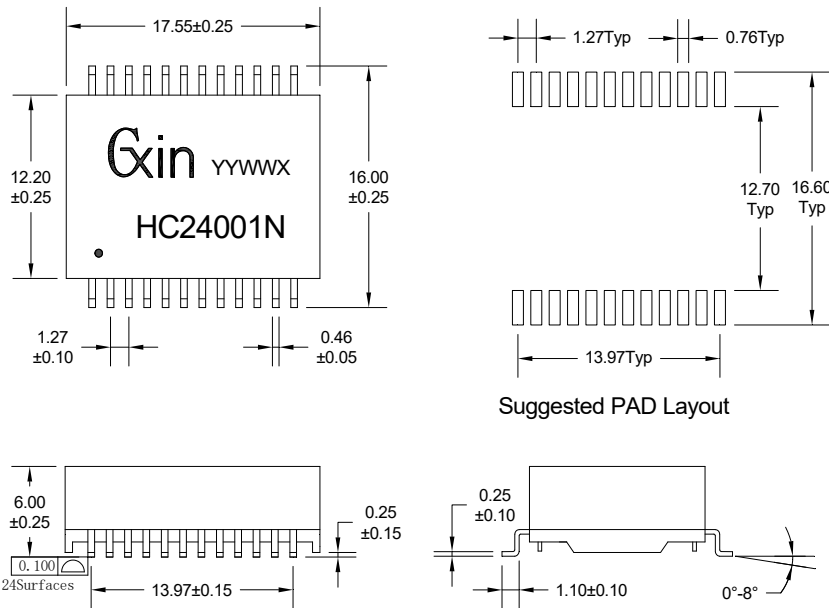
**Feature**

- Meets IEEE802.3bz&ANSI X 3.263 Standards
- RoHS Compliant
- 2.5G Base-T Surface Mount Type Open Header
- Operating Temperature Range: 0°C to +70°C
- Storage Temperature Range: -40°C to +85°C



| Electrical Specifications@25°C |                            |                     |                  |                |                        |                  |            |          |
|--------------------------------|----------------------------|---------------------|------------------|----------------|------------------------|------------------|------------|----------|
| Part Number                    | OCL(uH Min)<br>@100KHz/V   | L.L<br>(uH Max)     | Cw/w<br>(pF Max) | DCR<br>(Ω Max) | HI-POT<br>(Vrms)       | T/R(±5%)         |            |          |
|                                |                            |                     |                  |                |                        | TX               | RX         |          |
| HC24001N                       | 200                        | 0.5                 | 25               | 1.2            | 1500                   | 1CT:1CT          | 1CT:1CT    |          |
| Continue                       |                            |                     |                  |                |                        |                  |            |          |
| Part Number                    | Insertion Loss<br>(dB Max) | Return Loss(dB Min) |                  |                | Cross talk<br>(dB Min) | DCMR<br>(dB Min) |            |          |
|                                |                            | 1-125MHz            | 1-30MHz          | 30-100MHz      |                        |                  | 100-150MHz | 1-125MHz |
| HC24001N                       | -1.2                       | -16                 | -12              | -10            | -25                    | -30              |            |          |

**MECHANICAL**



**SCHEMATICS**

