



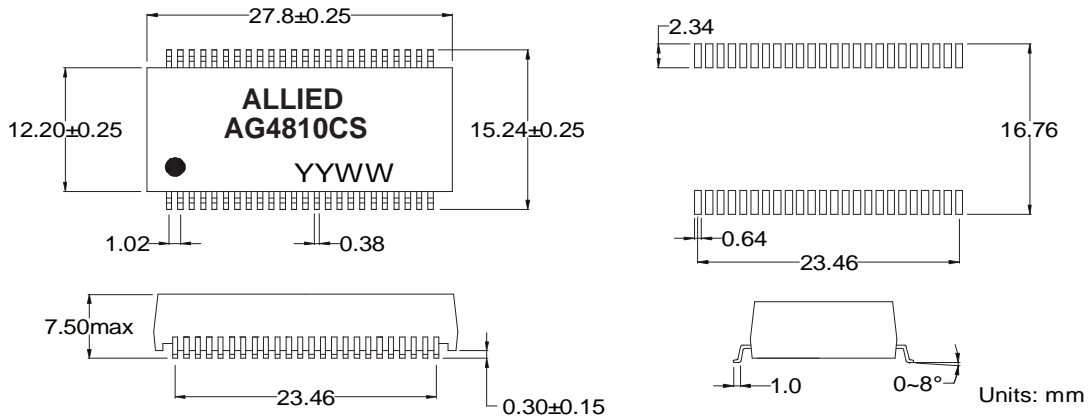
- Meets IEEE 802.3 at & ANSI X3.263 Standards including 350µH OCL with 8mA bias
- 1000 Base-Tx, Dual Port with PoE
- Operating temperature range: -0°C to +70°C
- Storage temperature range: -25°C to + 125°C

| Electrical Specifications @25°C | | | | | | |
|---------------------------------|-----------------------------|-------------|--|---------------------|-----------------|--------|
| Part Number | OCL(uH min) @100KHz/0.2V | Turns Ratio | | Cross talk (dB min) | | HI-POT |
| | with 8mA DC Bias | (±5%) | | 0.5-40MHz | 40.1-100MHz | (Vrms) |
| AG4810CS | 350 | 1CT:1CT | | 35 | 33-20*log(f/50) | 1500 |

| Part Number | Insertion Loss | | Return Loss | | CMRR | Package/ Schematic |
|-------------|----------------|-----------|-----------------|--|------------|-----------------------|
| | (dB max) | | (dB min) | | (dB min) | |
| | 0.5-100MHz | 0.5-40MHz | 40.1-100MHz | | 0.5-100MHz | |
| AG4810CS | 1.1 | 18 | 12-20 log(f/80) | | 30 | A/1 |

All specifications subject to change without notice.

MECHANICAL



SCHEMATICS

