



- Ethernet based LAN, WAN and other networking applications
- LL: 0.5μH Max @ 100KHz, 200mV
- DCR: 1.2Ω Max
- Cw/w: 25PF TYP @ 100KHz, 200mV
- Operating Temp: 0°C to +70°C

Electrical Specifications @ 25°C

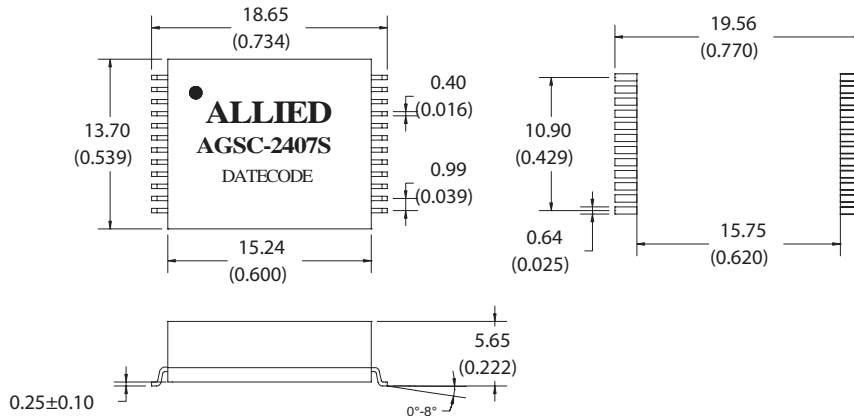
| Part Number | OCL(μH Min) @ 100kHz, 200mV | Turns Ratio chip: cable (±5%) | Insertion Loss (dB Max) | Return Loss (dB Min) | | | | |
|-------------|--------------------------------|-------------------------------------|----------------------------|-------------------------|---------|-------|-------|----------|
| | With 8mA DC Bias | | | 1-100MHz | 1-30MHz | 40MHz | 50MHz | 60-80MHz |
| AGSC-2407S | 350 | 1CT:1 | -1.0 Max | -18 | -18 | -16 | -12 | -10 |

Electrical Specifications @ 25°C

| Part Number | Common Mode Rejection (dB Min) | | | Cross Talk (dB Min) | | | Isolation HI-POT (Vrms) |
|-------------|-----------------------------------|-------|--------|------------------------|-------|--------|-------------------------------|
| | 30MHz | 60MHz | 100MHz | 30MHz | 60MHz | 100MHz | |
| AGSC-2407S | -40 | -35 | -30 | -40 | -35 | -30 | 1500 |

All specifications subject to change without notice.

MECHANICAL



Dimensions: mm
Unless otherwise specified, all tolerances are ±0.25

SCHEMATICS

