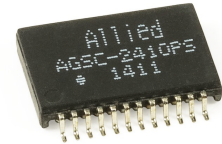


- Ethernet based LAN, WAN and other networking applications
- PoE compatible with IEEE802.3af 350mA
- Low Profile
- LL: 0.5μH Max @ 100KHz, 200mV
- DCR: 1.4Ω Max
- Operating Temp: 0°C to +70°C
- Storage Temp: -25°C to +85°C



Electrical Specifications @ 25°C

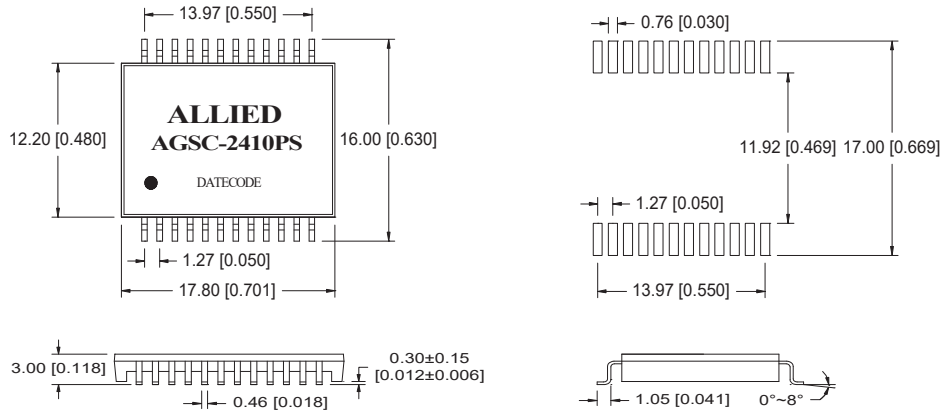
| Part Number | OCL(μH Min) @ 100kHz, 200mV | Turns Ratio chip: cable (±5%) | Insertion Loss (dB Max) | Return Loss (dB Min) | | | |
|-------------|--------------------------------|-------------------------------------|----------------------------|-------------------------|-------|----------|--------|
| | With 8mA DC Bias | | 1-100MHz | 1-30MHz | 40MHz | 60-80MHz | 100MHz |
| AGSC-2410PS | 350 | 1CT:1CT(TX)/1CT:1CT(RX) | -1.0 | -16 | -14.4 | -12 | -10 |

Electrical Specifications @ 25°C

| Part Number | Common Mode Rejection (dB Min) | | | Cross Talk (dB Min) | | Isolation HI-POT (Vrms) |
|-------------|-----------------------------------|-------|--------|------------------------|-----------|-------------------------------|
| | 30MHz | 60MHz | 100MHz | 1-30MHz | 60-100MHz | |
| AGSC-2410PS | -40 | -35 | -30 | -40 | -30 | 1500 |

All specifications subject to change without notice.

MECHANICAL



Dimensions: mm (inch) Unless otherwise specified, all tolerances are ±0.25(0.010)

SCHEMATICS

