

- Ethernet based LAN, WAN and other networking applications
- PoE+ Applications with 720mA Current Capability
- 100/1000 Gigabit Base-T Lan Filter
- IEEE 802.3at Compliant
- Industrial Temp: -40°C to +85°C



Electrical Specifications @ 25°C

| Part Number | OCL(μH Min) @ 100kHz, 0.2V With 8mA DC Bias | Turns Ratio Pri:Sec (±5%) | Insertion Loss (dB Max) | Return Loss (dB Min) | |
|-------------|---|---------------------------------|----------------------------|-------------------------|----------------------|
| | | | 0.3-100MHz | 0.3-30MHz | 40-100MHz |
| AGSC-4802PI | 350 | 1CT:1CT | -1.0 | -16 | -10+20log10(f/80MHz) |

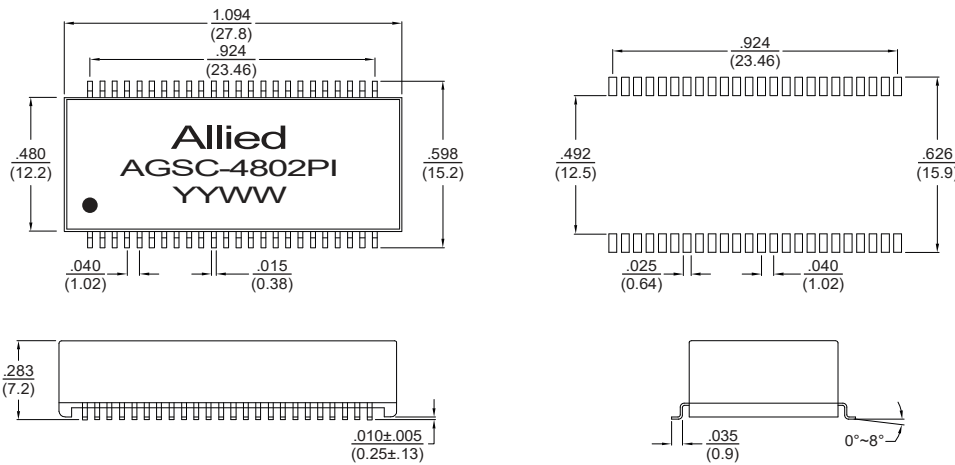
Electrical Specifications @ 25°C

| Part Number | Common Mode Rejection (dB Min) | | | Cross Talk (dB Min) | | | HI-POT (Vrms) |
|-------------|-----------------------------------|-------|--------|------------------------|-------|--------|------------------|
| | 30MHz | 60MHz | 100MHz | 30MHz | 60MHz | 100MHz | |
| AGSC-4802PI | -40 | -35 | -30 | -40 | -35 | -30 | 1500 |

All specifications subject to change without notice.

MECHANICAL

Dimensions: inch
(mm)



Unless otherwise specified all tolerances are ±0.01(0.25)

SCHEMATICS

