

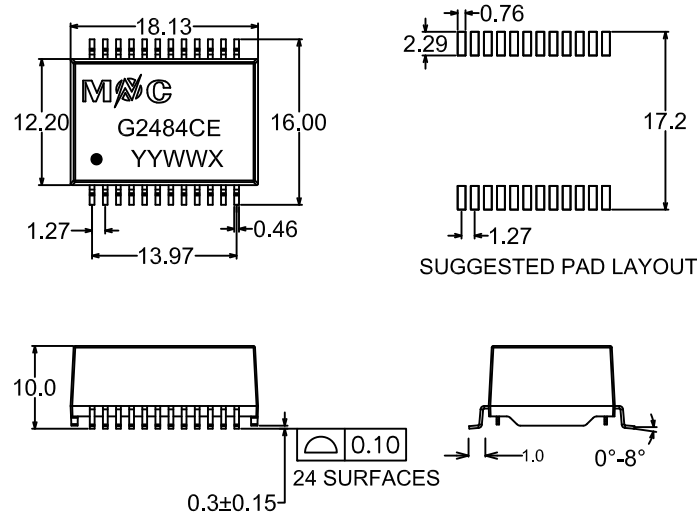
- Meets IEEE 802.3at & ANSI X3.263 Standards.
- Suitable For End-span and Mid-span PoE+ Applications.
- 10/100/1000 Base-T, Surface Mount Type, Open Header .
- 850mA Current Capability Per POE Port.
- RoHS Compliant.
- Operating temperature range: -40 °C to +85 °C.



## Electrical Specifications @25°C

| Part Number | OCL(μH Min)<br>@100KHz, 0.1V   | Return Loss (dB Min)<br>Z OUT = 100 OHM±15% |                            | Cross talk<br>(dB Min) |                          | REJECTION RATIO COMMON MODE<br>(dB Min)    |                   |
|-------------|--------------------------------|---------------------------------------------|----------------------------|------------------------|--------------------------|--------------------------------------------|-------------------|
|             | With 25mA DC Bias@25°C         | 1-40MHz                                     | 40.1-100MHz                | 1MHz                   | 10-100MHz                | 2MHz                                       | 30-200MHz         |
| G2484CE     | 350                            | -16                                         | -10+20*log(f/80)           | -50                    | -55+22*log(f/10)         | -50                                        | -15+20*log(f/200) |
|             | Continue                       |                                             |                            |                        |                          |                                            |                   |
|             | OCL(μH Min)<br>@100KHz, 0.1V   | Turns Ratio<br>(±2%)                        | Insertion Loss<br>(dB Max) |                        | DC RESISTANCE<br>BALANCE |                                            | HI-POT<br>(Vrms)  |
|             | With 25mA DC Bias @-40°C&+85°C |                                             | 100KHz                     | 1-125MHz               | ±0.05 OHMS MAX           | C <sub>Ww</sub><br>(pF TYP)<br>100KHz 0.2V |                   |
|             | 300                            | 1CT:1CT                                     | -1.2                       | -0.2-0.002*f^1.4       | CENTER TAP SYMMETRY      | 25                                         | 1500              |

## MECHANICAL



Unless otherwise specified all tolerances are:±0.25 in mm

## SCHEMATICS

