



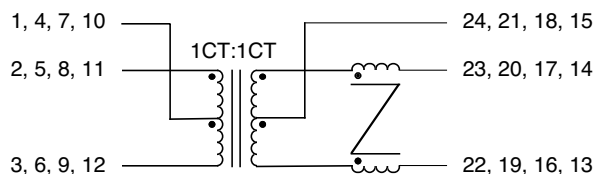
- Complies with or exceeds IEEE 802.3ab 1000Base-T
- Guaranteed to operate with 10/100Base-TX
- 1500 Vrms Isolation

### Electrical Parameters @ 25° C

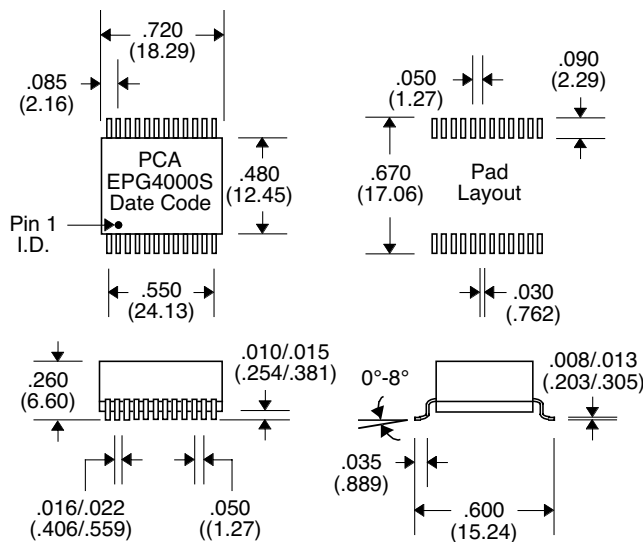
| OCL<br>( $\mu$ H Min.)                                  | Insertion Loss<br>(dB Max.) |               |                | Return Loss<br>(dB Min.) |           |           |            | CMRR<br>(dB Min.) | Common to Differential<br>(dB Min.) |          |           |           | Cross talk<br>(dB Min.) |             |           |
|---|-----------------------------|---------------|----------------|--------------------------|-----------|-----------|------------|-------------------|-------------------------------------|----------|-----------|-----------|-------------------------|-------------|-----------|
|   | 1-65<br>MHz                 | 65-100<br>MHz | 100-125<br>MHz | 1-40<br>MHz              | 60<br>MHz | 80<br>MHz | 100<br>MHz |                   | 1-80<br>MHz                         | 1<br>MHz | 30<br>MHz | 50<br>MHz | 100<br>MHz              | 1-40<br>MHz | 60<br>MHz |
| @ 100 KHz, 0.1 Vrms<br>8 mA DC bias<br>350 (Media Side) | -1                          | -1.1          | -1.5           | -18                      | -15       | -12       | -10        | -30               | -60                                 | -40      | -35       | -30       | -40                     | -35         | -30       |

• Rise Time : 1.75 nS Max. • Impedance : 100  $\Omega$  •

### Schematic



### Package



Unless Otherwise Specified Dimensions are in Inches /mm  $\pm$  .010 / .25