

“PoE Plus” 10/100 Base-TX Module

EPF8275GE & EPF8275GE-LF

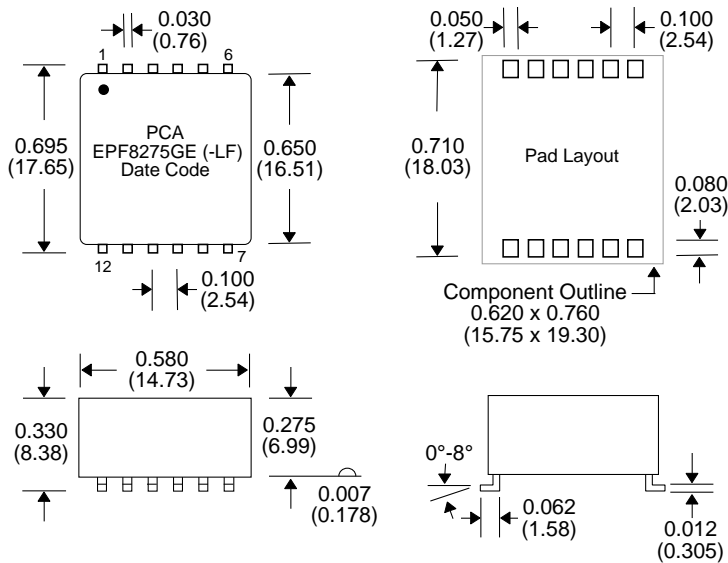


- Designed for 10/100 BaseTx with PoE capability up to 1A dc.
- Operating Temperature : -40°C to +85°C
- Storage Temperature : -40°C to +125°C
- Isolation: 1500 Vrms
- Add “-LF” for RoHs Compliant part

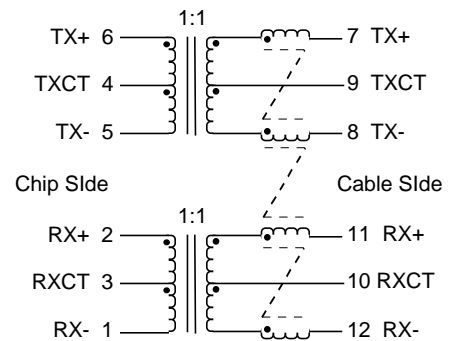
Electrical Parameters @ 25° C

| Inductance (μ H Min) | Insertion Loss (dB Min.) | | Return Loss (dB Min.) | | | | CMRR (dB Min.) | | | CMDIFF (dB Min.) | | | Crosstalk (dB Min.) | | |
|------------------------------|---|--------------|--------------------------|----------|---------|---------|-------------------|----------|------------|---------------------|---------|---------|------------------------|---------|---------|
| | @100 KHz, 0.1 Vrms (with 35mA DC Bias) | @0.1-100 MHz | @125 MHz | 1-40 MHz | @50 MHz | @80 MHz | @100 MHz | 1-10 MHz | 10-125 MHz | 125-500 MHz | @30 MHz | @60 MHz | @100 MHz | @30 MHz | @60 MHz |
| 350 | -1.0 | -1.2 | -18 | -16 | -12 | -10 | -50 | -30 | -20 | -40 | -40 | -35 | -45 | -40 | -33 |

Package



Schematic



| Notes : | EPF8275GE | EPF8275GE-LF |
|------------------------------------|---------------|-----------------------|
| 1. Lead Finish | SnPb | Hot Dipped Sn |
| 2. Peak Solder Rating | 225°C | 245°C |
| 3. Moisture Sensitive Levels (MSL) | 1 | 1 |
| 4. Weight | 3.1 grams | 3.1 grams |
| 5. Packaging Information | (Tube) | 36 pieces / tube |
| | (Tape & Reel) | 400 pieces / 13" Reel |
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| | (Tape & Reel) | 400 pieces / 13" Reel |

Unless Otherwise Specified Dimensions are in Inches /mm ± .010 / .25