

CTLFPP5GF Series

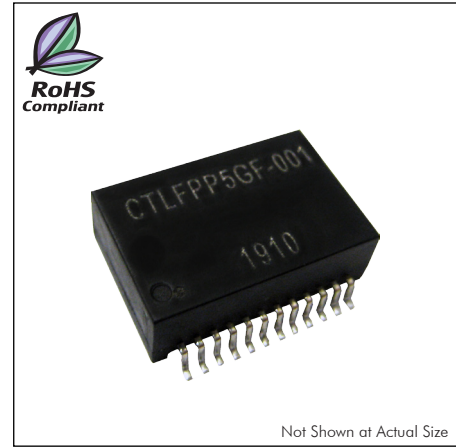
CHARACTERISTICS

Description: 5G Base-T, PoE & PoE+, 24 pin SMD

Operating Temperature: 0°C to 70°C

Features:

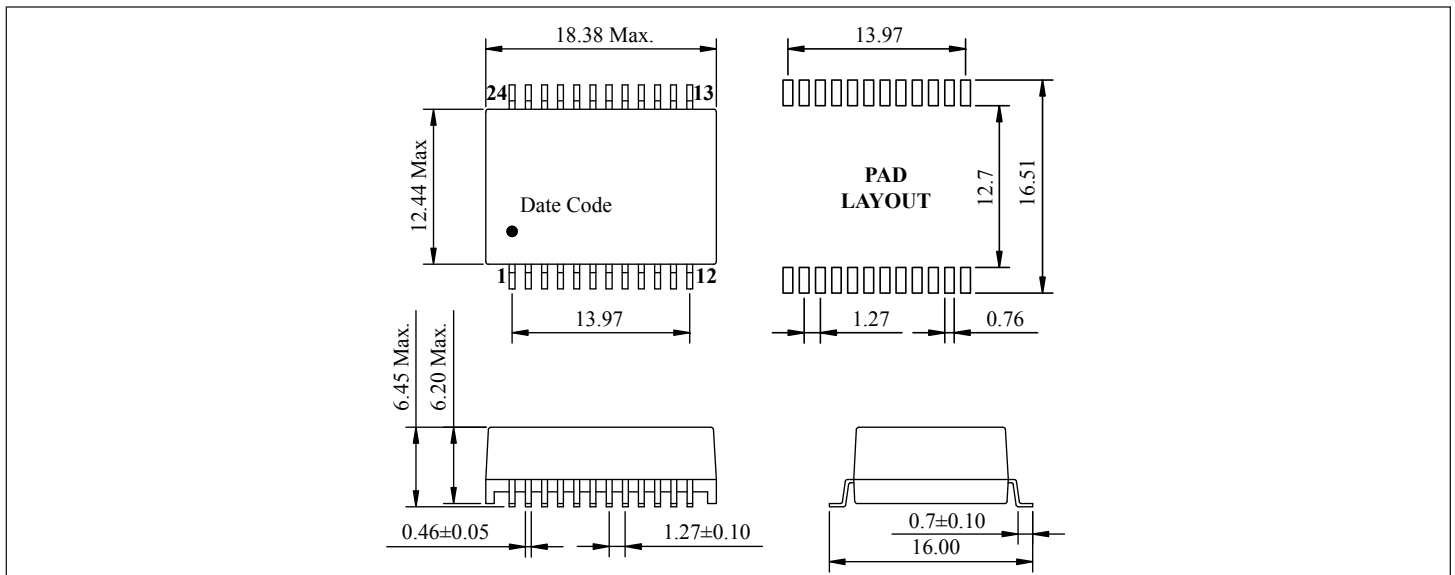
- Designed for long haul Gigabit Ethernet 5G Base-T, full duplex applications
- Supports 4 pairs of category 5 UTP cable
- Cable interface for isolation and low common mode emissions
- Compliant with IEEE 802.3an standard
- Meet IEEE 802.3af standards with 350mA
- Meet IEEE 802.3at standards with 720mA



SPECIFICATIONS

| Part Number | Insertion Loss (dB Max.) | | Return Loss (dB Min. @100Ω) | | Common to Differential Mode Rejection (dB Min.) | Crosstalk (dB Min.) | | PoE Current | Hipot (Vrms Min.) |
|---------------|--------------------------|-------------|-----------------------------|-----------------------------------|---|---------------------|-------------|-------------|-------------------|
| | 50-125 MHz | 125-250 MHz | 1-40 MHz | 40-250 MHz | | 1-125 MHz | 125-250 MHz | | |
| CTLFPP5GF-001 | -1.0 | -1.5 | -20 | -20+15log ₁₀ (f/40MHz) | -30 | -30 | -20 | 350mA | 1500 |
| CTLFPP5GF-002 | -1.0 | -1.5 | -20 | -20+15log ₁₀ (f/40MHz) | -30 | -30 | -20 | 720mA | 1500 |

PHYSICAL DIMENSIONS & PAD LAYOUT



Unit: mm Tolerances: Unless otherwise specified, all tolerances are ±0.25

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SCHEMATICS

