

## CTLFPP5GF Series



### CHARACTERISTICS

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

**Operating Temperature:** 0°C to 70°C

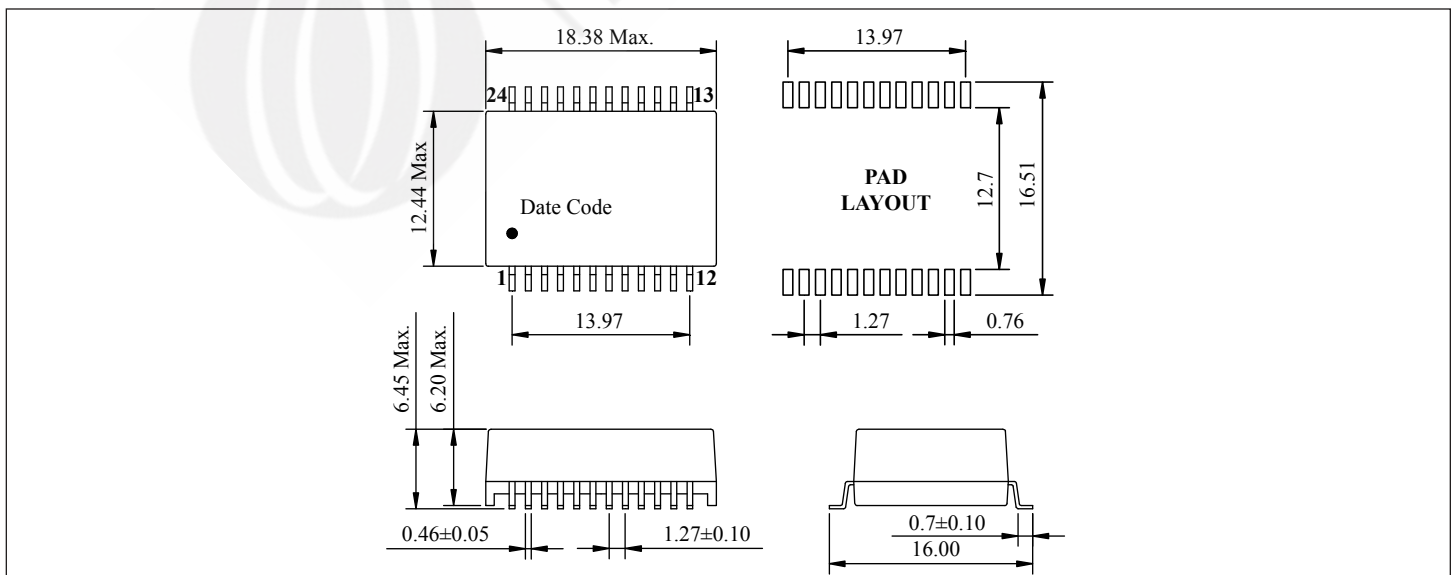
**Features:**

- 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	$-20+15\log_{10}(f/40\text{MHz})$	-30	-30	-20	350mA	1500
CTLFPP5GF-002	-1.0	-1.5	-20	$-20+15\log_{10}(f/40\text{MHz})$	-30	-30	-20	720mA	1500

### PHYSICAL DIMENSIONS & PAD LAYOUT



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

## CTLFPP5GF

### SCHEMATICS

