CTLF2R5GF Series



CHARACTERISTICS

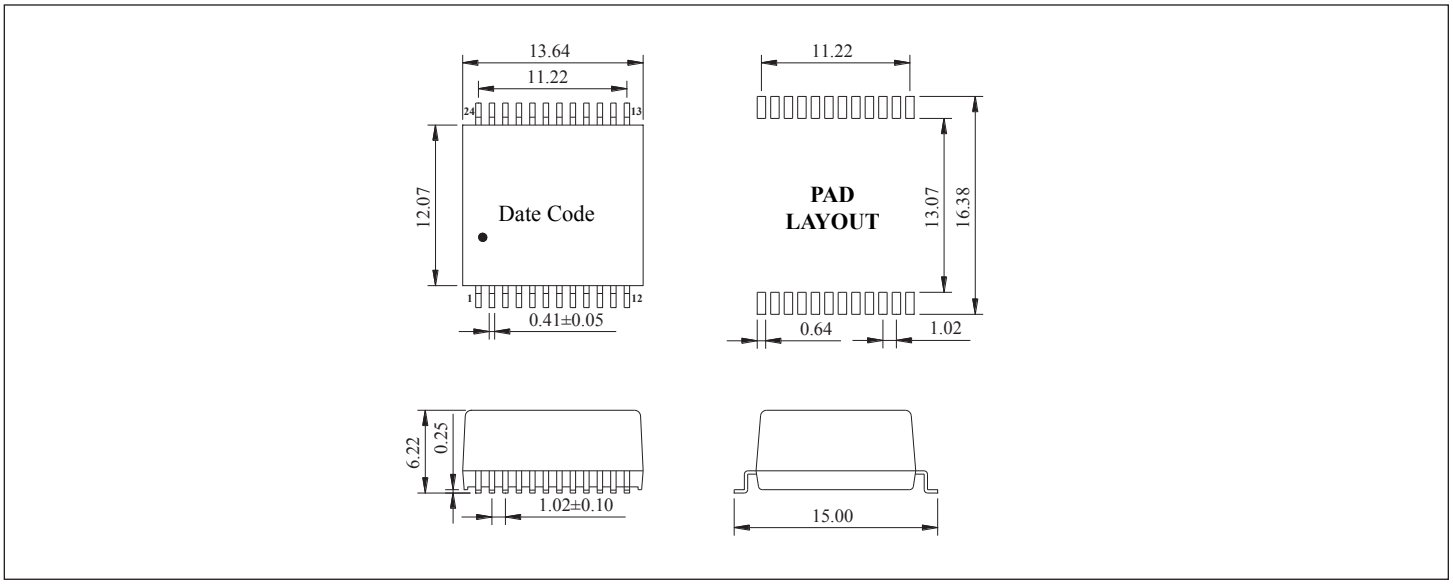
Description: 2.5G Base-T, 24 Pin SMD
Operating Temperature: 0°C to 70°C
Features:

- Designed for long haul Gigabit Ethernet 2.5G 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

SPECIFICATIONS

Part Number	Insertion Loss (dB Max.)		Return Loss (dB Min. @100Ω)		Common to Differential Mode Rejection (dB Typ.)	Crosstalk (dB Typ.)	Common to Mode Rejection (dB Typ.)	Hipot (Vrms Min.)
	1-50 MHz	50-125 MHz	1-40 MHz	40-200 MHz	10-125 MHz	1-125 MHz	30-200 MHz	
CTLF2R5GF-001	-0.5	-1.0	-20	-20+15log(f/40MHz)	-45+f/35	-39	-30	1500

PHYSICAL DIMENSIONS & PAD LAYOUT

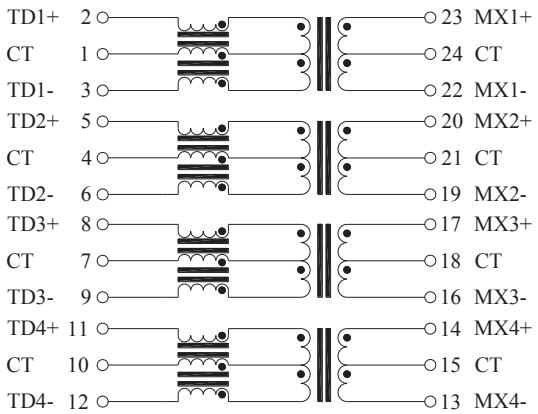


Unit: mm Tolerances: Unless otherwise specified, all tolerances are ±0.25

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CTLF2R5GF

SCHEMATICS



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