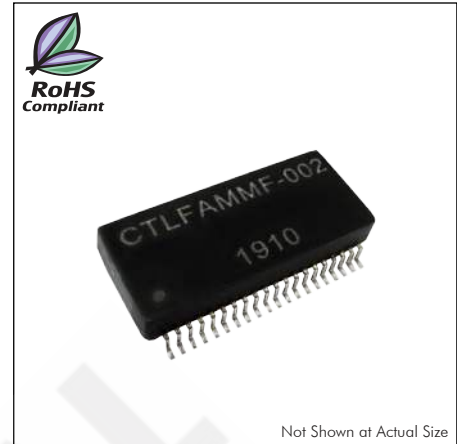


CTLFAMMF Series



CHARACTERISTICS

Description: 10/100 Base-T, For auto MDI/MDIX, 40Pin SOIC

Operating Temperature: -40°C to 85°C

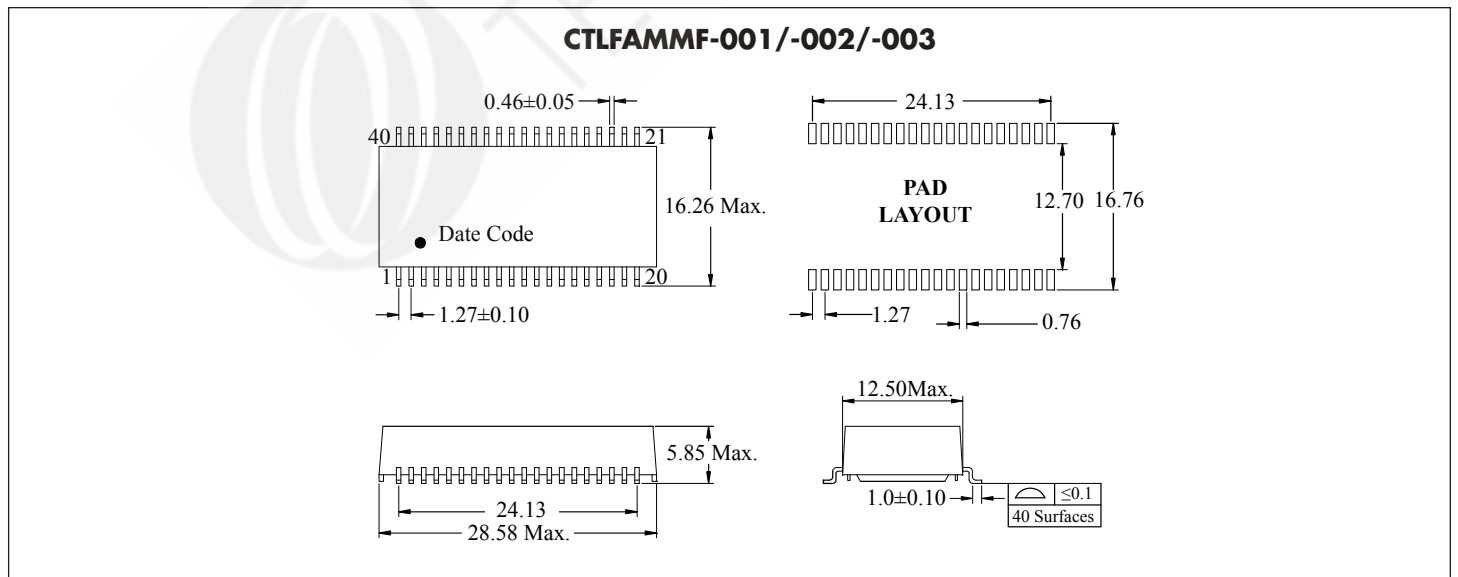
Features:

- Symmetrical TX and RX channels for auto MDI/MDIX capability
- Compliant with IEEE 802.3u and ANSI X3.263 standards including 350µH OCL with 8mA bias
- Designed for reflow soldering at temperatures up to 235°C

SPECIFICATIONS

| Part Number | Insertion Loss (dB Max.) | Return Loss (dB Min.) | | | | Crosstalk (dB Typ.) | | | | Differential to Common Mode Rejection (dB Min.) | | Hipot Vrms Min. @60Hz |
|--------------|--------------------------|-----------------------|----------|--------|--------|---------------------|-------|--------|--------|---|----------|--------------------------|
| | | .1-100 MHz | 2-30 MHz | 40 MHz | 50 MHz | 60-80 MHz | 1 MHz | 30 MHz | 60 MHz | 100 MHz | 1-60 MHz | |
| CTLFAMMF-001 | -0.5 | -18 | -14.4 | -13.1 | -12 | - | - | - | - | - | - | 1500 |
| CTLFAMMF-002 | -1.4 | -18 | -14.4 | -13.1 | -12 | -55 | -45 | -40 | -33 | -37 | -25 | 1500 |
| CTLFAMMF-003 | -1.4 | -16 | -10 | -10 | -10 | -35 | -35 | -30 | -25 | - | - | 1500 |

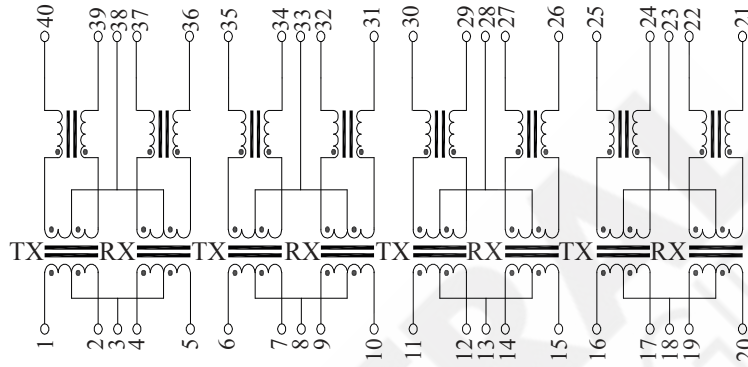
PHYSICAL DIMENSIONS & PAD LAYOUT



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

SCHEMATICS

CTLFAMMF-001/-002



CTLFAMMF-003

