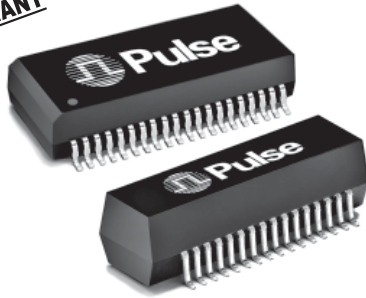


# 8x2 LINE COMMON MODE CHOKES



Designed for Quad Port T1/E1 Applications



- RoHS peak reflow temperature rating: 245°C
- For Quad Port T1/E1 applications
- Meets high-performance EMI reduction required for multiplexers, channel routers and ISP servers
- Common mode attenuation from 100 kHz to 500 MHz

## Electrical Specifications @ 25°C — Operating Temperature -40°C to +85°C

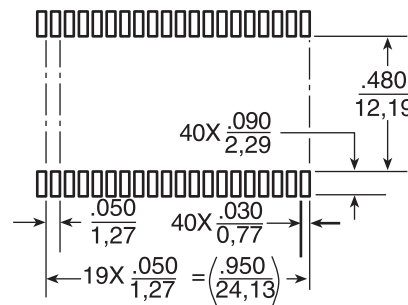
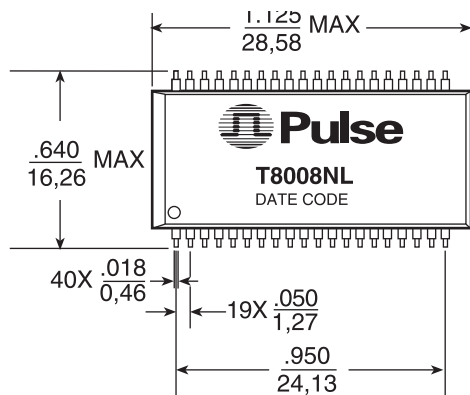
| RoHS-6<br>Compliant<br>Part Number | Number<br>of Lines | Primary<br>Inductance OCL<br>( $\mu$ H MIN) | Common Mode Attenuation<br>(dB TYP) |       |        |        |        |         |         |         | DCR<br>( $\Omega$ MAX) |
|------------------------------------|--------------------|---|-------------------------------------|-------|--------|--------|--------|---------|---------|---------|------------------------|
|                                    |                    |   | 100 kHz                             | 1 MHz | 10 MHz | 30 MHz | 50 MHz | 100 MHz | 300 MHz | 500 MHz |                        |
| T8008NL                            | 16                 | 47  | 13                                  | 27    | 40     | 44     | 42     | 36      | 26      | 15      | 0.40                   |
| T8132NL                            | 16                 | 47  | 13                                  | 29    | 43     | 44     | 42     | 35      | 24      | 15      | 0.40                   |

NOTE: When ordering Tape & Reel packaging, add a "T" suffix to the part number (ex:T8008NLT).

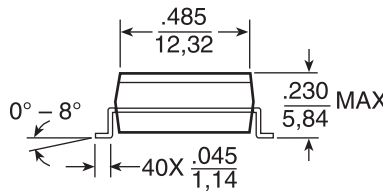
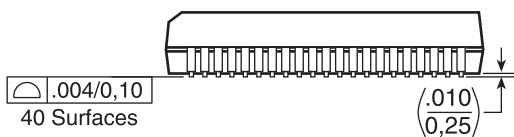
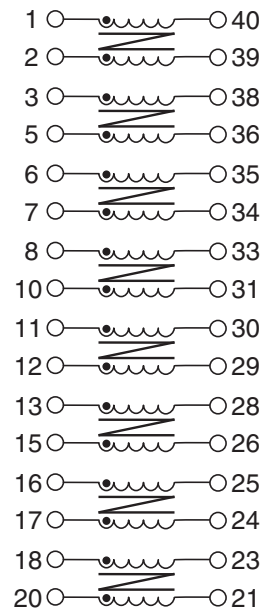
## Mechanical

## Schematic

### T8008NL



SUGGESTED PAD LAYOUT



Weight ..... 4.0 grams  
Tape & Reel ..... 250/reel  
Tube ..... 15/tube

Dimensions:  $\frac{\text{Inches}}{\text{mm}}$   
Unless otherwise specified, all tolerances are  $\pm \frac{.010}{0,25}$

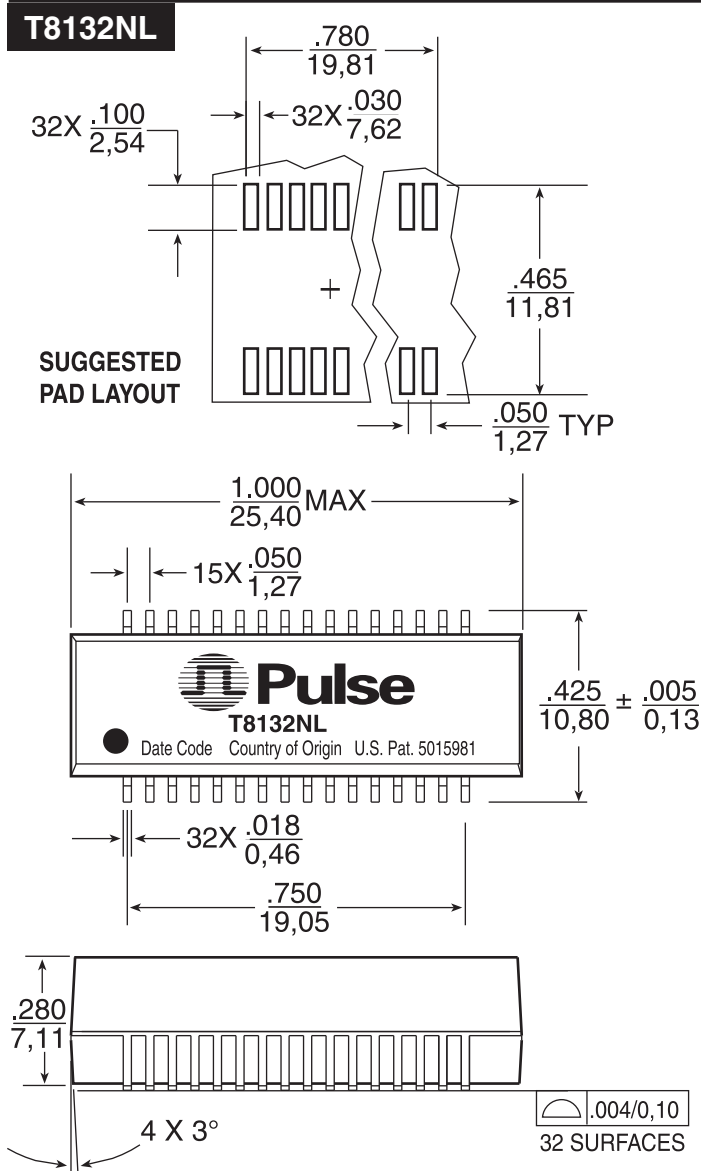
# 8x2 LINE COMMON MODE CHOKES

## Designed for Quad Port T1/E1 Applications



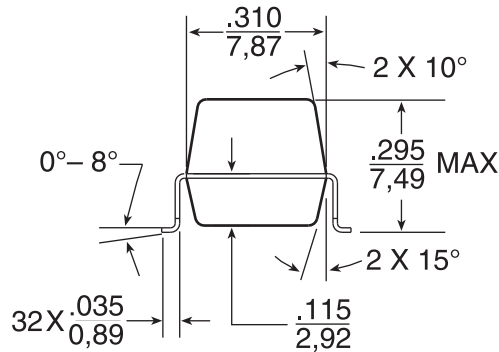
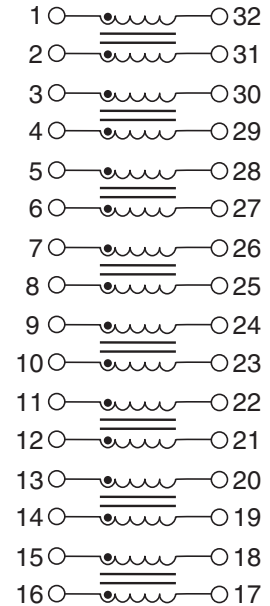
### Mechanical

### Schematic



Weight ..... 2.7 grams  
Tape & Reel ..... 200/reel  
Tube ..... 20/tube

Dimensions:  $\frac{\text{Inches}}{\text{mm}}$   
Unless otherwise specified,  
all tolerances are  $\pm \frac{.010}{0,25}$



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