

# COMMON MODE CHOKES

## For CAN Bus Applications



- Application: industrial and automotive communication
- Low profile surface mount package
- Cost effective construction with Pulse SLIC patented technology
- Compliant with the automotive shock and vibrations specifications
- Low RFI toroidal design

### Electrical Specifications @ 25°C / 80 Vdc — Operating Temperature -40°C to +125°C

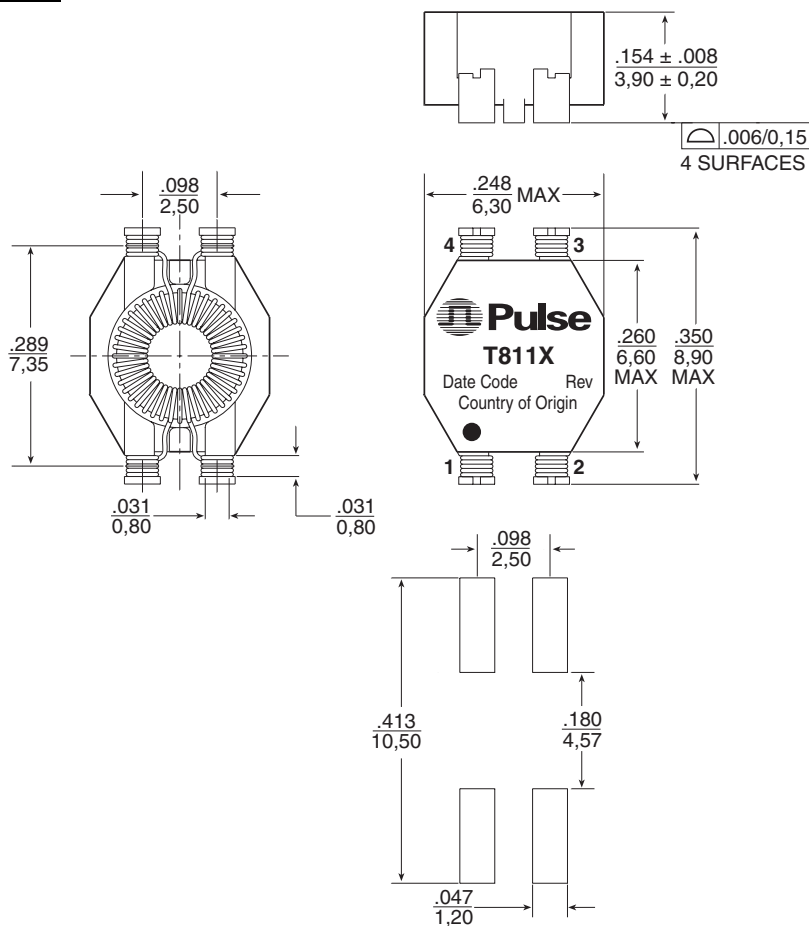
| Standard Part Number | RoHS-6 Compliant Part Number | OCL<br>( $\mu\text{H}$ +50% / -30%) | $L_L$<br>( $\mu\text{H}$ MAX) | DCR<br>( $\Omega$ MAX) | Current Rating<br>(mA dc) | Isolation<br>(Vrms) |
|----------------------|------------------------------|-------------------------------------|-------------------------------|------------------------|---------------------------|---------------------|
| TX8115T              | TX8115NLT                    | 25                                  | 2.5                           | 0.16                   | 800                       | 500                 |
| TX8111T              | TX8111NLT                    | 51                                  | 3.0                           | 0.20                   | 800                       | 500                 |

NOTE: Other custom inductance values available on request. Tube version available for sampling. Please contact Pulse Applications Engineering.

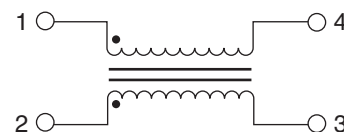
### Mechanical

### Schematic

PIL



SUGGESTED PAD LAYOUT



Weight ..... 0.2 grams

Tape & Reel ..... 1600/reel

Dimensions: Inches  
mm

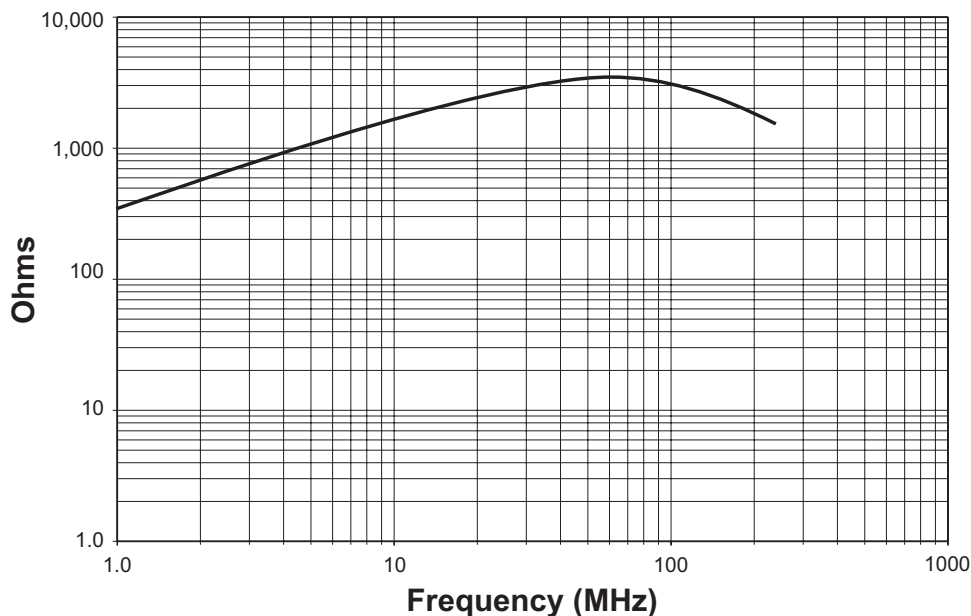
Unless otherwise specified,  
all tolerances are  $\pm .010$   
0,25

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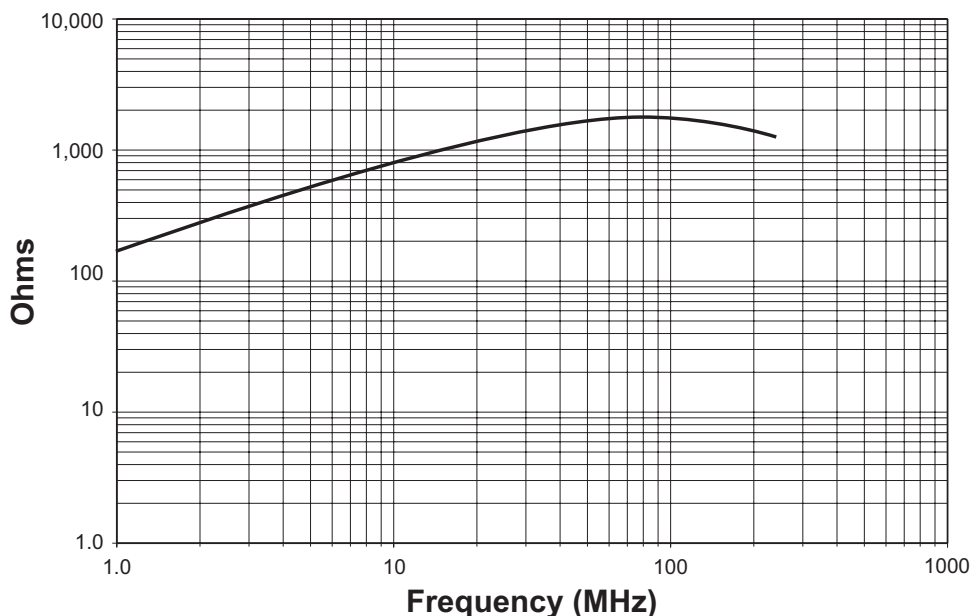
## For CAN Bus Applications



### Impedance in Common Mode –TX8111



### Impedance in Common Mode –TX8115



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