

# 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

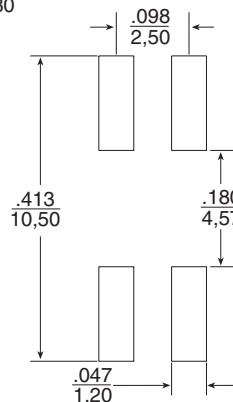
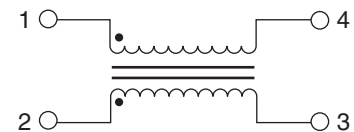
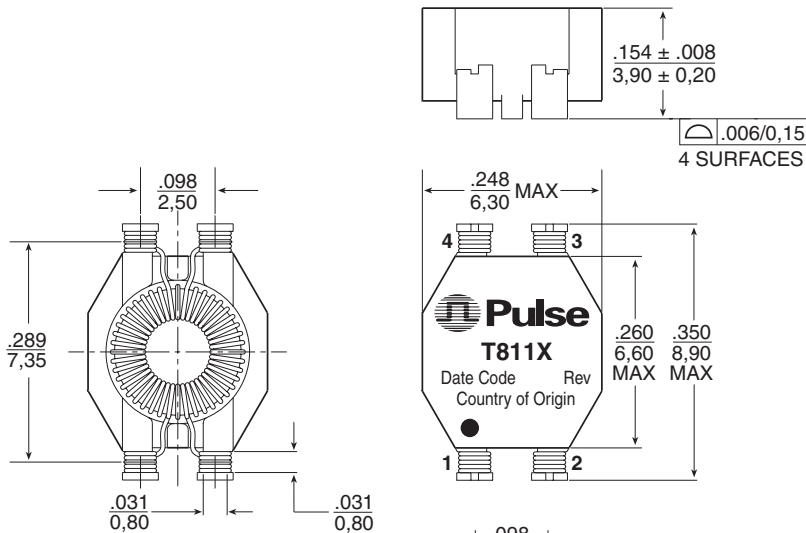
Standard Part Number	RoHS-6 Compliant Part Number	OCL ( $\mu\text{H}$ +50% / -30%)	$L_L$ ( $\mu\text{H}$ MAX)	DCR ( $\Omega$ MAX)	Current Rating (mAdc)	Isolation (Vrms)
TX8115T	TX8115NLT	25	2.5	0.16	800	500
TX8111T	TX8111NLT	51	3.0	0.20	800	500

**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

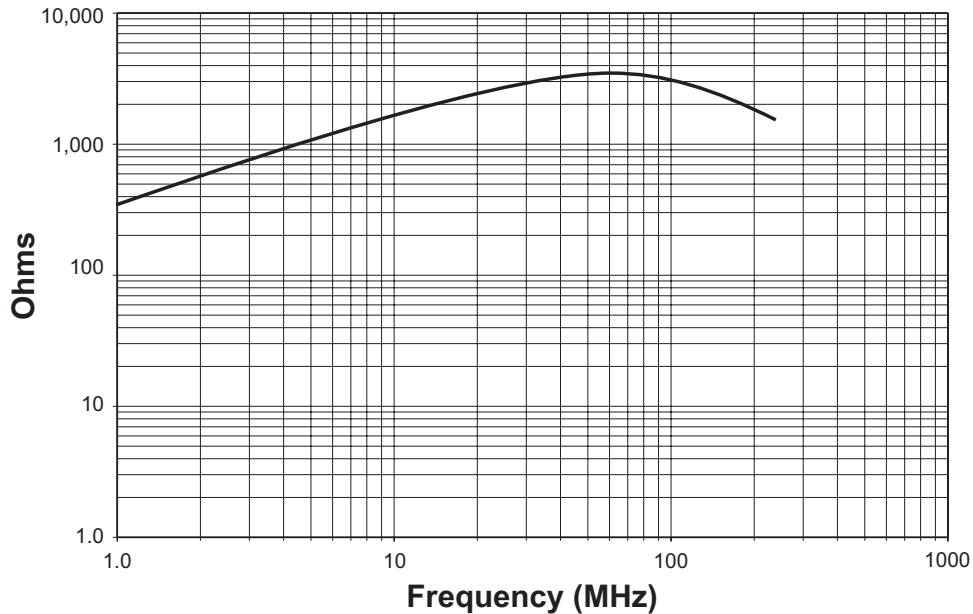
Dimensions: Inches  
mm  
Unless otherwise specified,  
all tolerances are  $\pm .010$   
0,25

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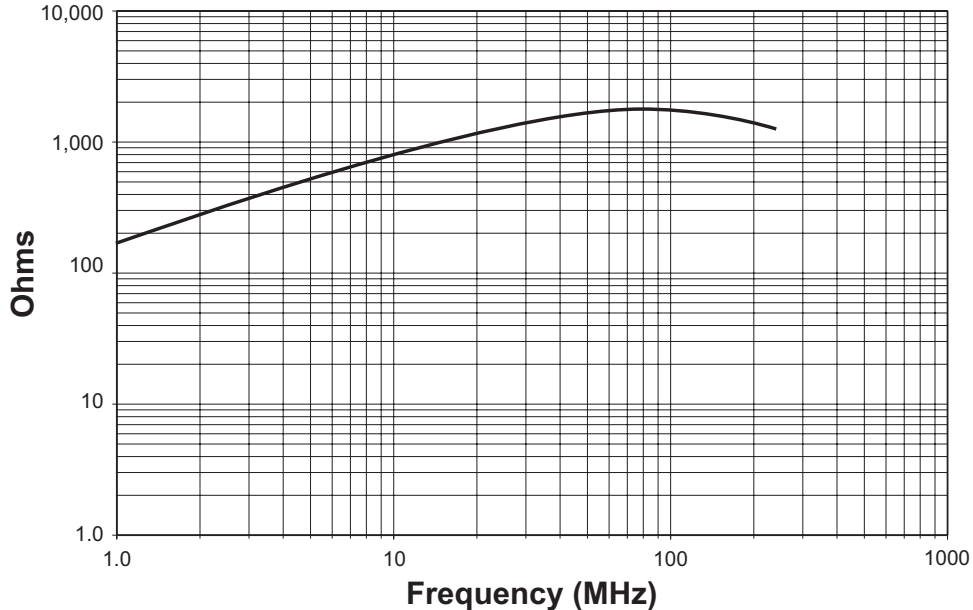
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### Impedance in Common Mode –TX8111



### Impedance in Common Mode –TX8115



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