





# COMMON MODE CHOKES

## For DSL and Telecom Applications



-  Family of 2-wire Common Mode Chokes
-  Low profile surface mount package
-  Cost effective construction with Pulse SLIC patented technology
-  Range suited for many DSL and Telecom applications

### Electrical Specifications @ 25°C / 80 Vdc — Operating Temperature -40°C to +85°C

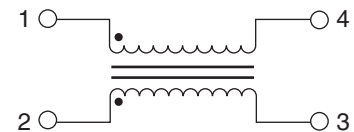
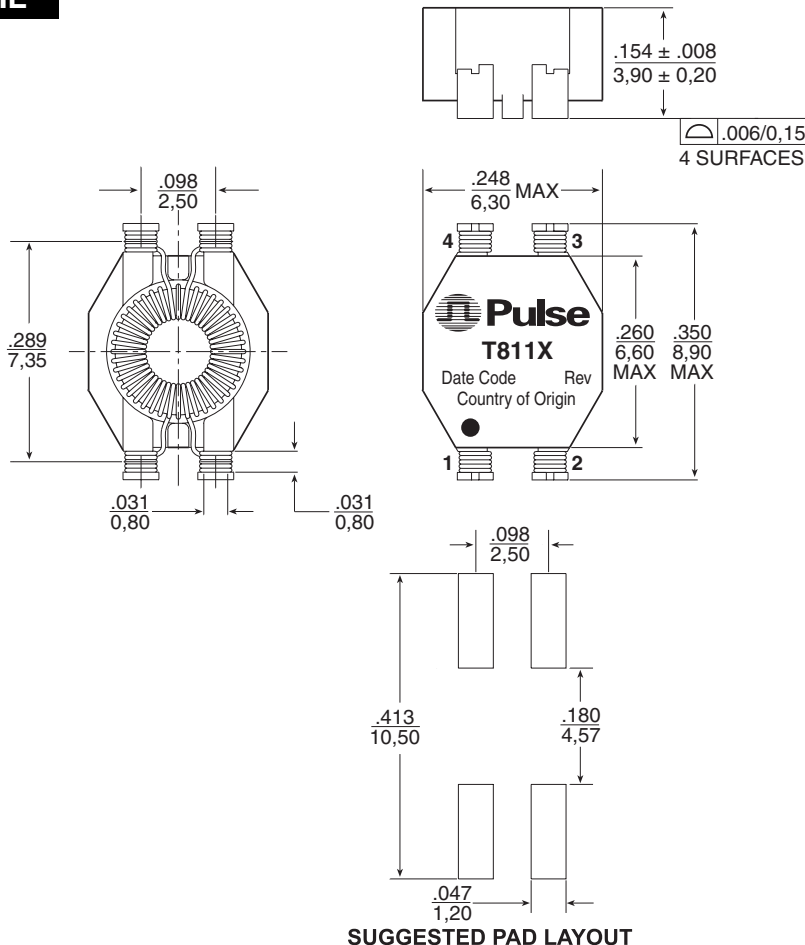
Standard Part Number	RoHS-6 Compliant Part Number	OCL (mH +50% / -30%)	L <sub>L</sub> (μH TYP)	DCR (Ω MAX)	Current Rating (mA <sub>dc</sub> )	Isolation (V <sub>rms</sub> )
T8116T	T8116NLT	0.47	0.2	0.3	700	500
T8112T	T8112NLT	1.00	0.2	0.3	700	500
T8113T	T8113NLT	2.20	0.25	0.4	500	500
T8114T	T8114NLT	4.70	0.4	0.7	400	500

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

### Mechanical

### Schematic

PIL



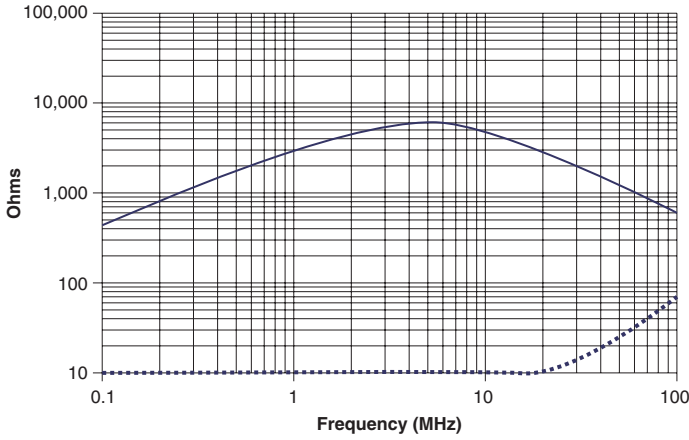
Weight ..... 0.2 grams  
 Tape & Reel ..... .1600/reel  
 Dimensions: Inches  
                   mm  
 Unless otherwise specified,  
 all tolerances are ± .010  
                           0,25

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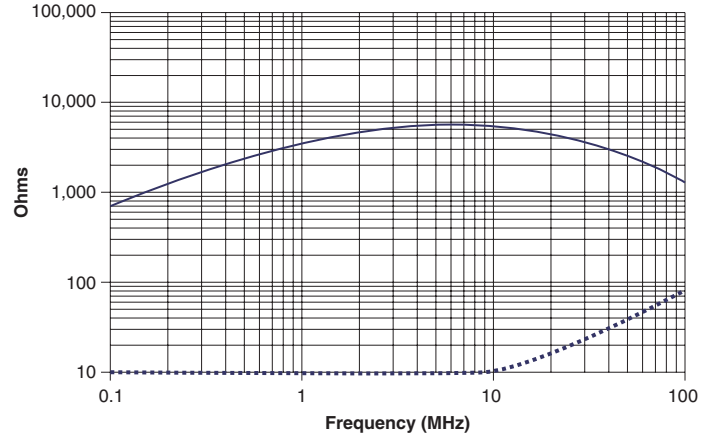


Impedance in Common Mode and Differential Mode  
T8116 (2 x 0.47mH)



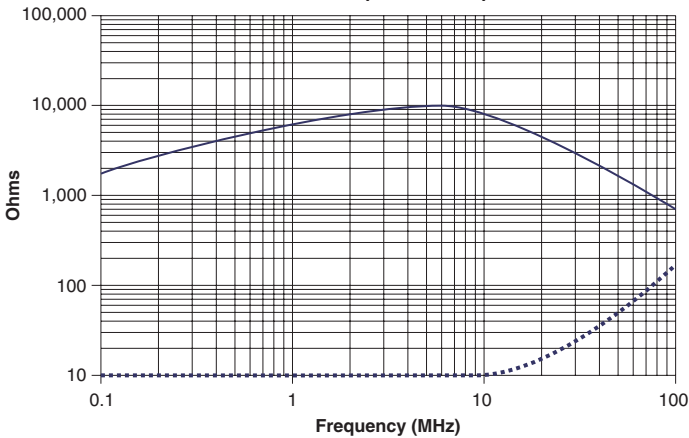
— Common Mode  
..... Differential Mode

Impedance in Common Mode and Differential Mode  
T8112 (2 x 1mH)



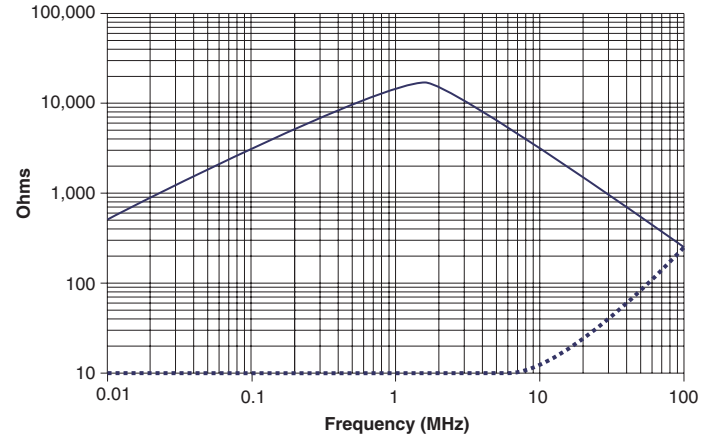
— Common Mode  
..... Differential Mode

Impedance in Common Mode and Differential Mode  
T8113 (2 x 2.2mH)



— Common Mode  
..... Differential Mode

Impedance in Common Mode and Differential Mode  
T8114 (2 x 4.7mH)



— Common Mode  
..... Differential Mode

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