



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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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

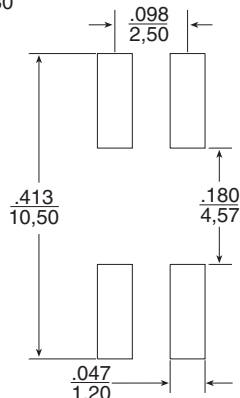
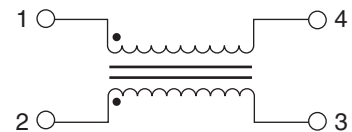
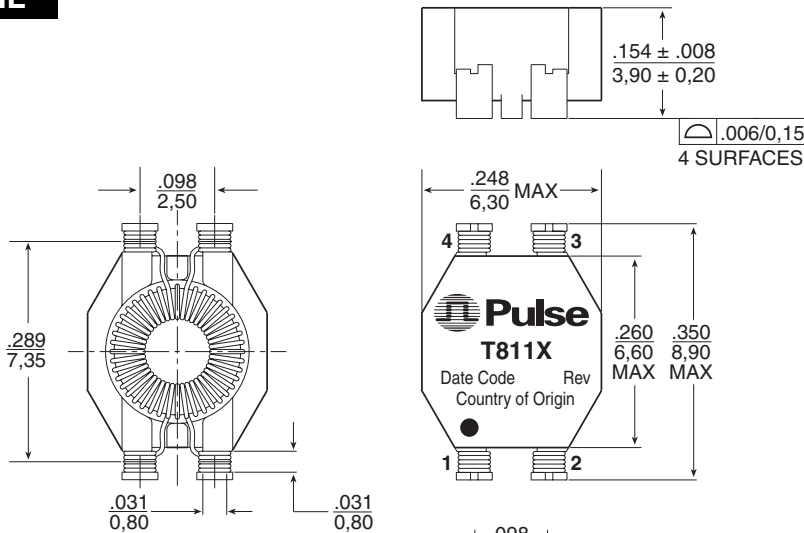
Standard Part Number	RoHS-6 Compliant Part Number	OCL (mH +50% / -30%)	L _L (μH TYP)	DCR (Ω MAX)	Current Rating (mAdc)	Isolation (Vrms)
T8116T	T8116NLT	0.47	0.2	0.3	700	500
T8112T	T8112NLT	1.00	0.2	0.3	700	500
T8113T	T8113NLT	2.20	0.25	0.4	500	500
T8114T	T8114NLT	4.70	0.4	0.7	400	500

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

Mechanical

Schematic

PIL



SUGGESTED PAD LAYOUT

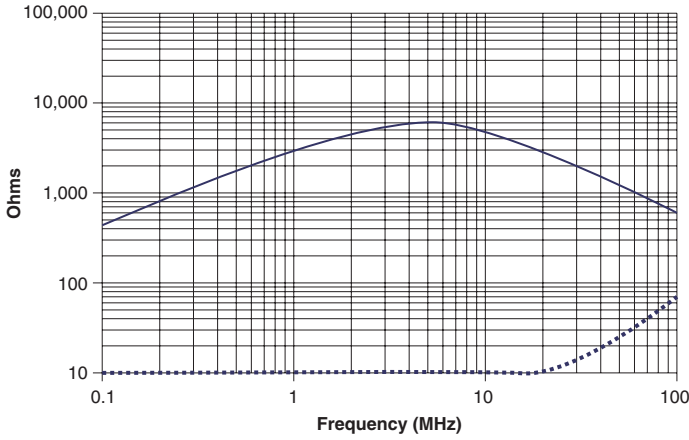
Weight 0.2 grams
 Tape & Reel1600/reel
 Dimensions: inches
 mm
 Unless otherwise specified,
 all tolerances are ± .010
 0,25

COMMON MODE CHOKES

For DSL and Telecom Applications

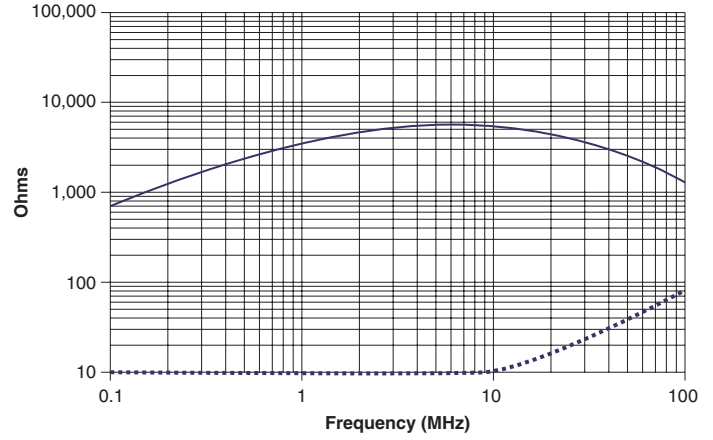


Impedance in Common Mode and Differential Mode
T8116 (2 x 0.47mH)



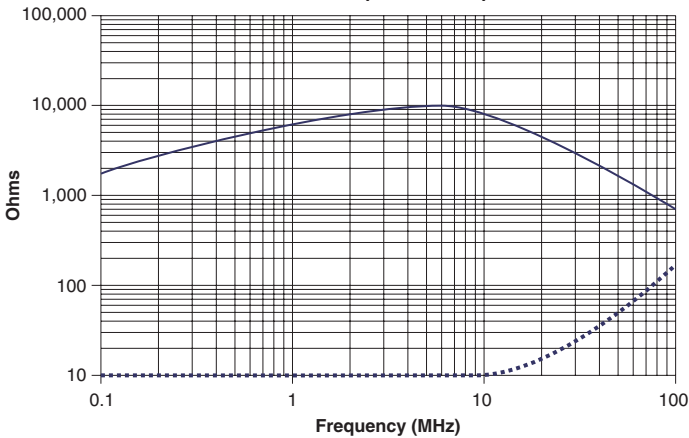
— Common Mode
..... Differential Mode

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



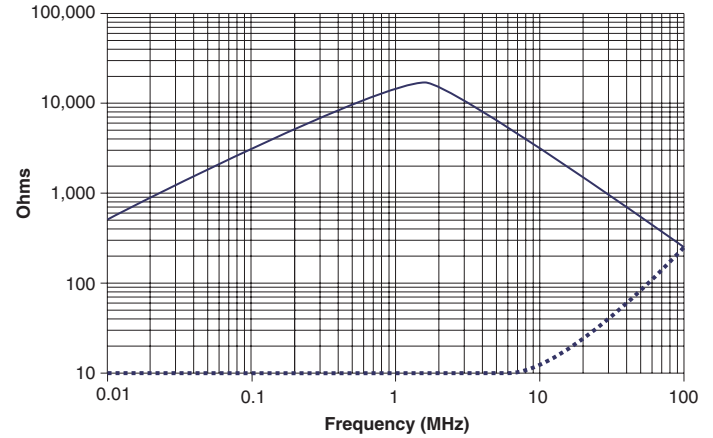
— Common Mode
..... Differential Mode

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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