








SMT COMMON MODE INDUCTORS

0.5A to 3.6A



-  Maximum Reflow Temperature: +235°C
-  Storage Temperature: -55°C to +125°C
-  Moisture Sensitivity Level (MSL): 3
-  Pick and place compatible
-  Rated voltage 250V_{AC}
-  Low RFI toroid
-  Tape & Reel packaging available

Electrical Specifications @ 25°C — Operating Temperature -40°C to +130°C⁵

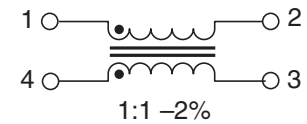
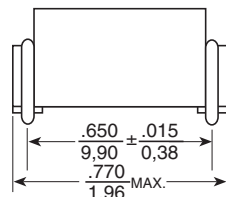
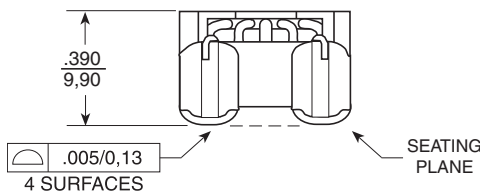
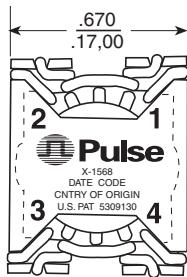
Part Number	Inductance (mH±30%)	Rated (A)	Leakage Inductance (µH MAX)	DCR (MAX) (mΩ)	SRF (MHz)	Impedance Curve	Weight (Grams)	Quantity in Tube
X-1568	3.00	2.5	9.297	80	2.2	#3	8.3	30
PL1382	1.00	3.6	3.166	50	4	#1	8.5	30

NOTES: 1. Leakage Inductance tested at 100kHz, 1140 mV, (1-2) with (3-4) shorted.
 2. Add suffix "T" to part number for Tape & Reel package
 3. To order a RoHS compliant part, add the suffix "NL" to the part number, i.e. X-1568 becomes X-1568NL.

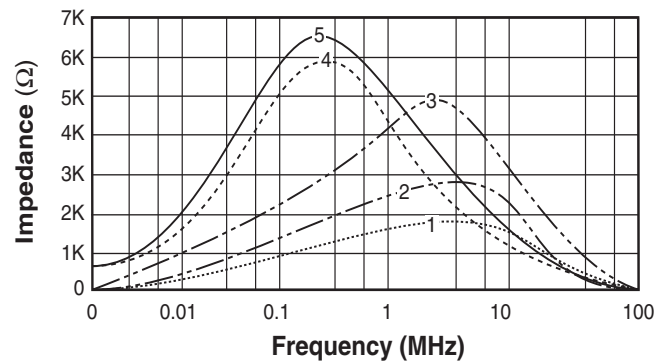
Mechanical

Schematic

X-1568



Impedance Curves



Part hardened for aerospace use.

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