

SMT COMMON MODE CHOKES

1.22A to 14.0A



-  Solutions based on impedance, size and current
-  Designed for DC/DC converters
-  Wide variety of inductor sizes and current ratings available
-  Dielectric strength: 500 V_{RMS}

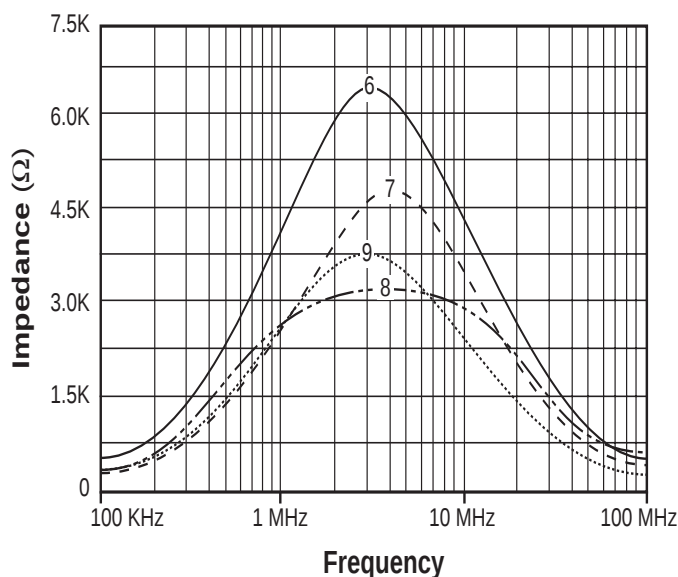
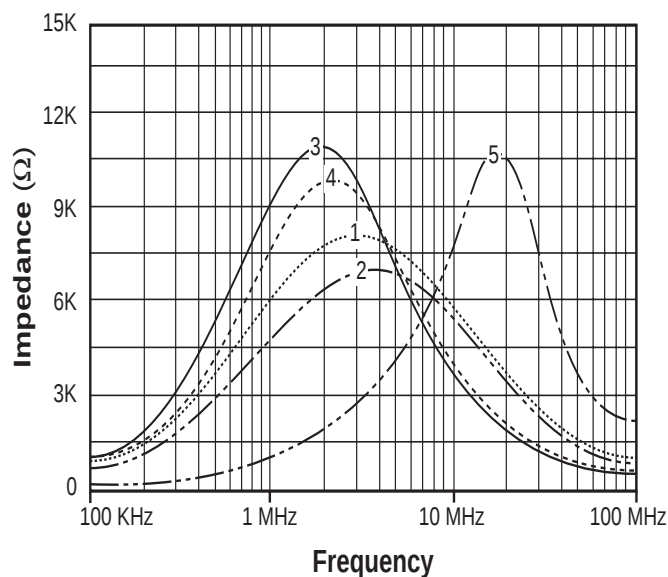
Electrical Specifications @ 25°C — Operating Temperature -40°C to +120°C

Part Number	Inductance (mH ±35%)	I _{rated} (A)	Leakage Inductance ¹ (μH Nom)	DCR (MAX) (mΩ)	Impedance Curve (see # below)	Package	Weight (Grams)	Quantity In Tube	Quantity In Reel
P0502	0.473	14.0	4.531	8	9	Big Foot	14.8	15	75
P0469	0.630	11.6	5.482	10	7	Big Foot	14.3	15	75
P0429	0.809	9.70	7.408	14	6	Big Foot	13.5	15	75
P0527	0.530	7.20	4.536	15	8	HCCI-68	7.7	20	100
P0353	0.590	5.60	3.891	20	7	LCCI-50	5.2	30	200
P0422	0.768	4.70	4.559	40	6	LCCI-50	4.9	30	200
P0421	0.225	3.30	8.175	60	5	LCCI-50	4.7	30	200
P0420	1.320	3.30	8.130	60	4	LCCI-50	4.6	30	200
P0351	1.470	2.80	9.630	80	3	LCCI-50	4.3	30	200
P0473	0.884	1.63	5.807	110	2	Polecat	1.5	40	500
P0354	1.170	1.22	8.296	200	1	Polecat	1.4	40	500

NOTE: 1. Leakage Inductance tested @ 100kHz, 1140mV, (1-2) with (3-4) shorted.

2. Add suffix "T" to part number for tape and reel package (i.e. P0354T).

Impedance Curves



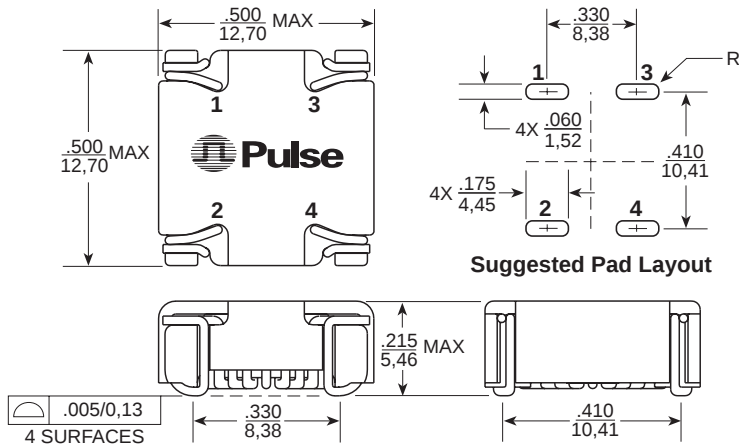
SMT COMMON MODE CHOKES

1.22A to 14.0A

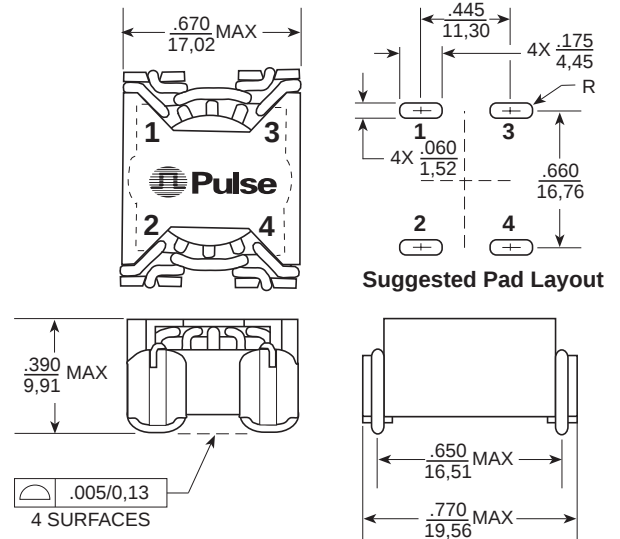


Mechanicals

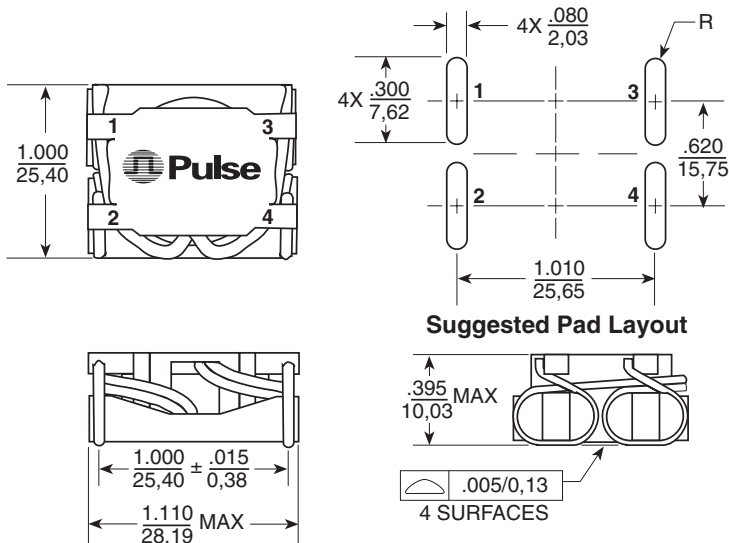
Polecat



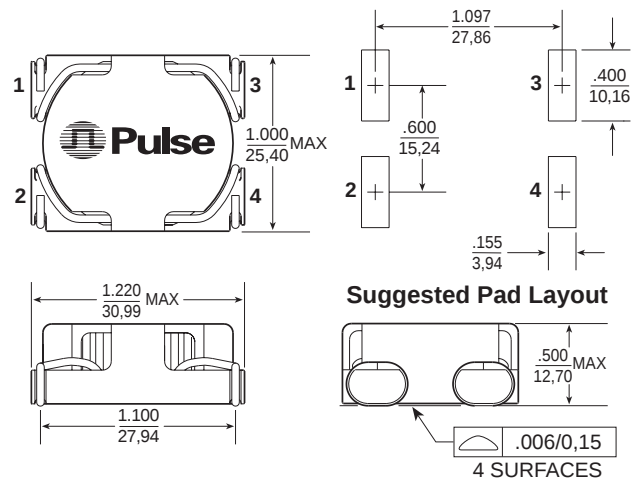
LCCI-50



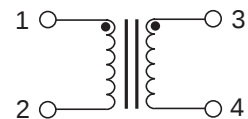
HCCI-68



Big Foot



Schematic



Dimensions: Inches
mm

Unless otherwise specified, all tolerances are $\pm \frac{.005}{0.13}$