

# SMT COMMON MODE CHOKES

## Military/Aerospace SLIC Series



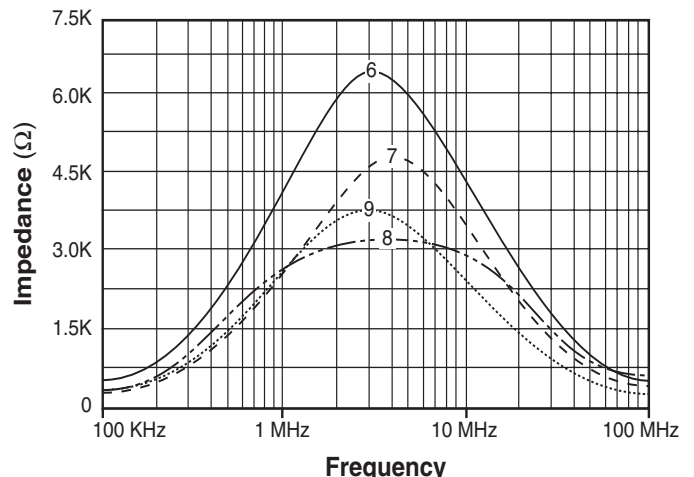
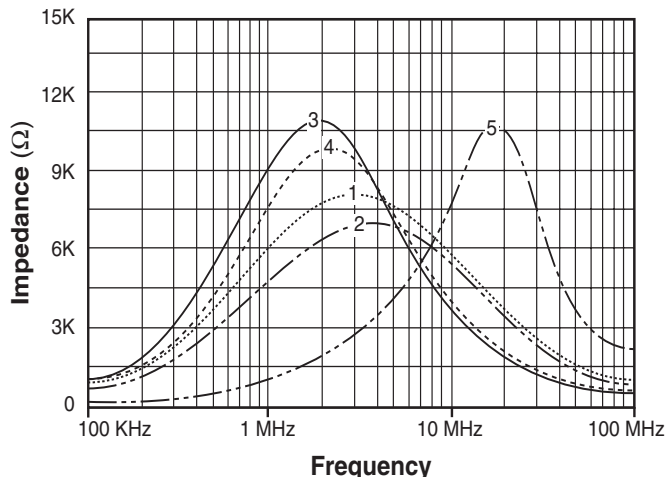
- ➊ Enhanced SLIC platform for Military/Aerospace applications
- ➋ Solutions based on impedance, size and current
- ➌ Designed for DC/DC converters
- ➍ Wide variety of inductor sizes and current ratings available
- ➎ Dielectric strength: 1000V<sub>RMS</sub>

### Electrical Specifications @ 25°C — Operating Temperature -55°C to +130°C<sup>1</sup>

Part <sup>2,3</sup> Number	Inductance (mH ±35%)	I <sub>rated</sub> (A)	DCR (MAX) (mΩ)	Curve (see # below)	Package	Weight (Grams)	Quantity In Tube	Quantity In Reel
PL8200	0.47	14.0	8	9	Big Foot	14.8	15	75
PL8201	0.63	11.6	10	7	Big Foot	14.3	20	75
PL8202	0.81	9.70	14	6	Big Foot	13.5	20	75
PL8203	0.53	7.20	15	8	HCCI-68	7.7	15	100
PL8204	0.59	5.60	21	7	LCCI-50	5.2	30	200
PL8205	0.77	4.70	40	6	LCCI-50	4.9	30	200
PL8206	0.22	3.30	60	5	LCCI-50	4.7	30	200
PL8207	1.32	3.30	60	4	LCCI-50	4.6	30	200
PL8208	1.47	2.80	80	3	LCCI-50	4.3	30	200
PL8209	0.88	1.63	110	2	Polecat	1.5	40	500
PL8210	1.17	1.22	200	1	Polecat	1.4	40	500

- NOTE:** 1. The temperature of the component (ambient plus temperature rise) must be within the stated operating temperature range.  
 2. Optional Tape & Reel packaging can be ordered by adding a "T" suffix to the part number (i.e. PL8200 becomes PL8200T). Pulse complies to industry standard tape and reel specification EIA481.  
 3. To order RoHS compliant part, add "NL" to the part number (i.e. PL8200 becomes PL8200NL and PL8200T becomes PL8200NLT).

### Impedance Curves



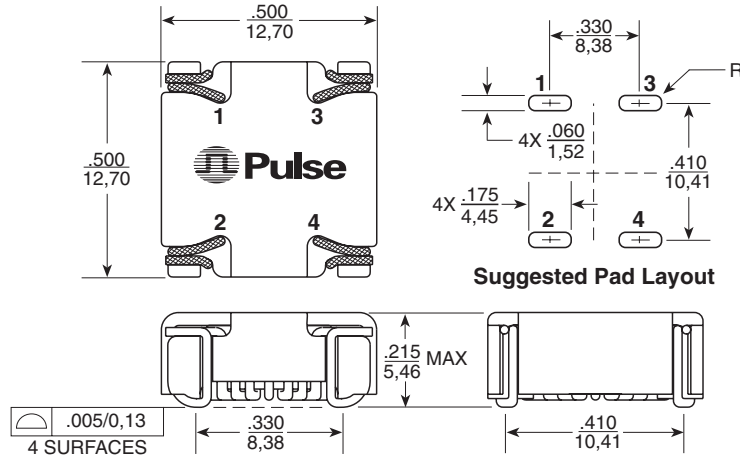
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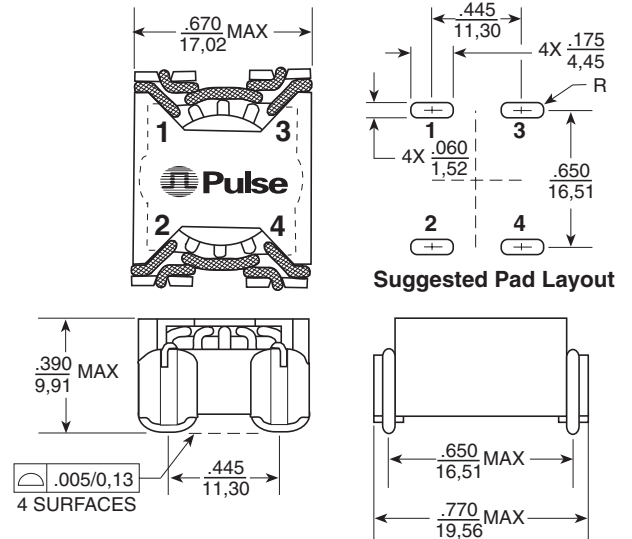


### Mechanicals

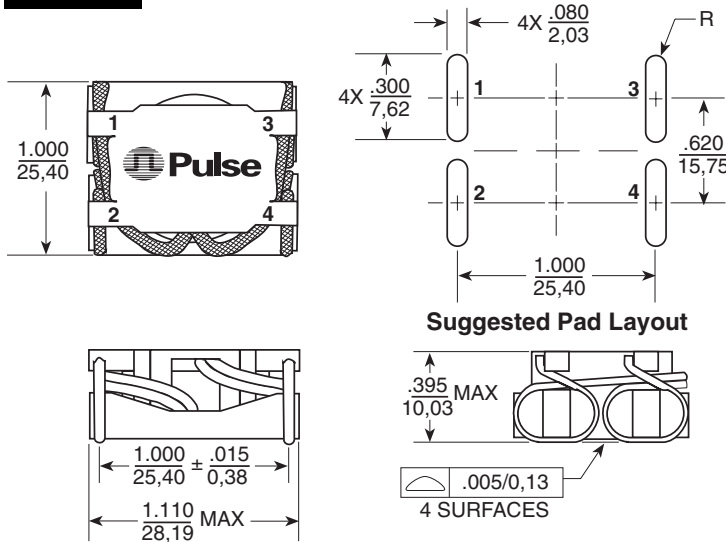
#### Polecat



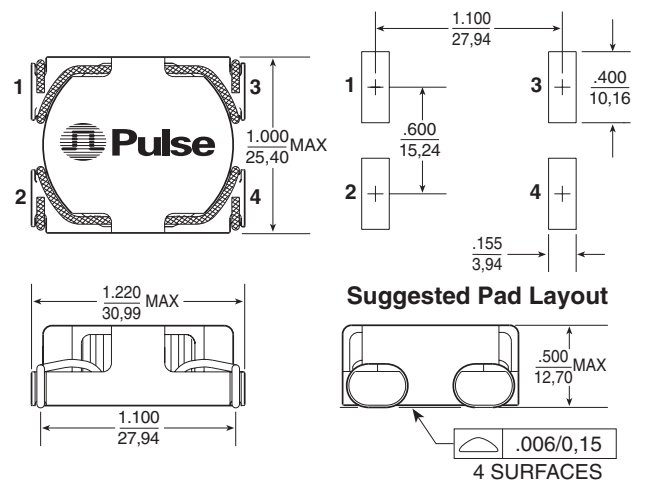
#### LCCI-50



#### HCCI-68



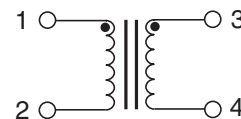
#### Big Foot



Dimensions:  $\frac{\text{Inches}}{\text{mm}}$

Unless otherwise specified, all tolerances are  $\pm \frac{.005}{0,13}$

#### Schematic



#### For More Information:

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