





SMT COMMON MODE INDUCTORS

Toroid - Military/Aerospace POGO Series

0.5A to 3.6A



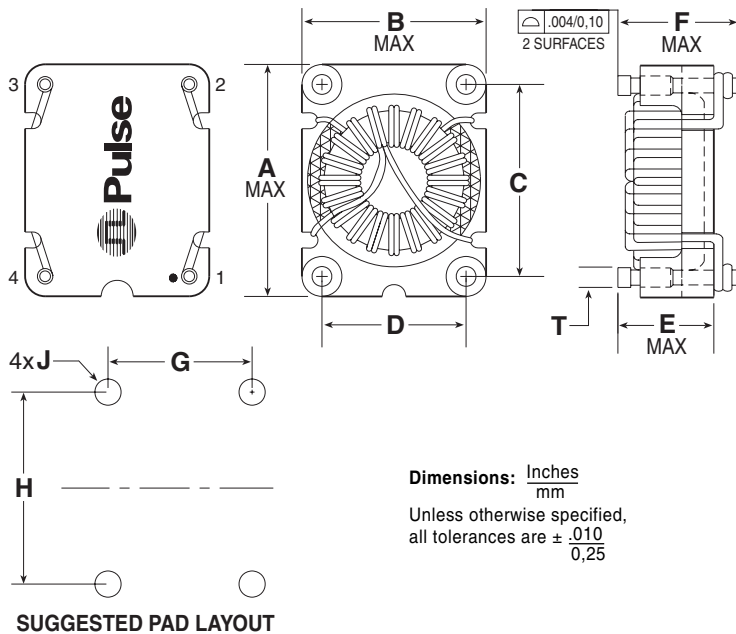
-  Ruggedized header with POGO pins for secure board mounting
-  Rated voltage 250V_{AC}
-  Low RFI toroid
-  Tape & Reel packaging available

Electrical Specifications @ 25°C — Operating Temperature -55°C to +130°C

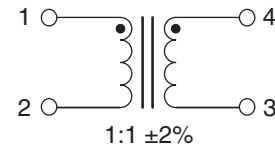
| Part ¹ Number | Inductance (mH ±30%) | I _{rated} (A) | DCR (MAX) (mΩ) | SRF (MHz) | Impedance Curve (see below) | Size Code | Weight (Grams) | Quantity In Tube |
|--------------------------|----------------------|------------------------|----------------|-----------|-----------------------------|-----------|----------------|------------------|
| PL8800 | 1.0 | 3.60 | 50 | 4 | 1 | POGO 50 | 7.1 | 30 |
| PL8801 | 1.5 | 1.50 | 60 | 2 | 2 | POGO 40 | 2.5 | 30 |
| PL8802 | 3.0 | 2.50 | 80 | 2.2 | 3 | POGO 50 | 7.1 | 30 |
| PL8803 | 10.0 | 1.00 | 450 | 0.5 | 4 | POGO 40 | 3.0 | 30 |
| PL8804 | 22.0 | 0.50 | 850 | 0.3 | 5 | POGO 40 | 3.0 | 30 |

NOTE: 1. Optional Tape & Reel packaging can be ordered by adding a "T" suffix to the part number (i.e. PL8800 becomes PL8800T). Pulse complies to industry standard tape and reel specification EIA481.

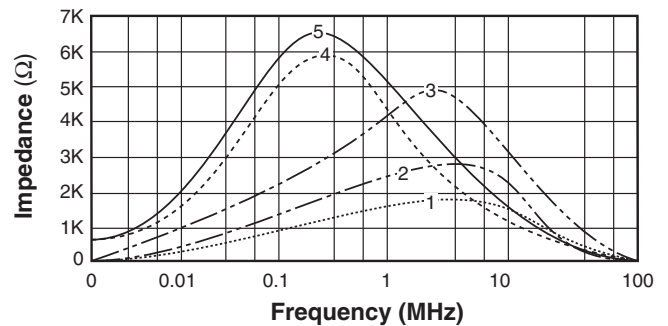
Mechanical



Schematic



Impedance Curves



| Size | A | B | C | D | E | F | G | H | J | T |
|---------|------------|------------|------------|------------|------------|------------|------------|------------|-----------|-----------|
| POGO 40 | .725/18,42 | .575/14,61 | .600/15,24 | .450/11,43 | .310/7,87 | .380/9,65 | .450/11,43 | .600/15,24 | .082/2,08 | .062/1,57 |
| POGO 50 | .910/23,11 | .700/17,78 | .730/18,54 | .520/13,21 | .400/10,16 | .510/12,95 | .520/13,21 | .730/18,54 | .145/3,68 | .125/3,18 |

For More Information:

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|---|--|---|--|--|---|--|
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