



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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# SMT COMMON MODE INDUCTORS

## Toroid - Military/Aerospace POGO Series

### 0.5A to 3.6A



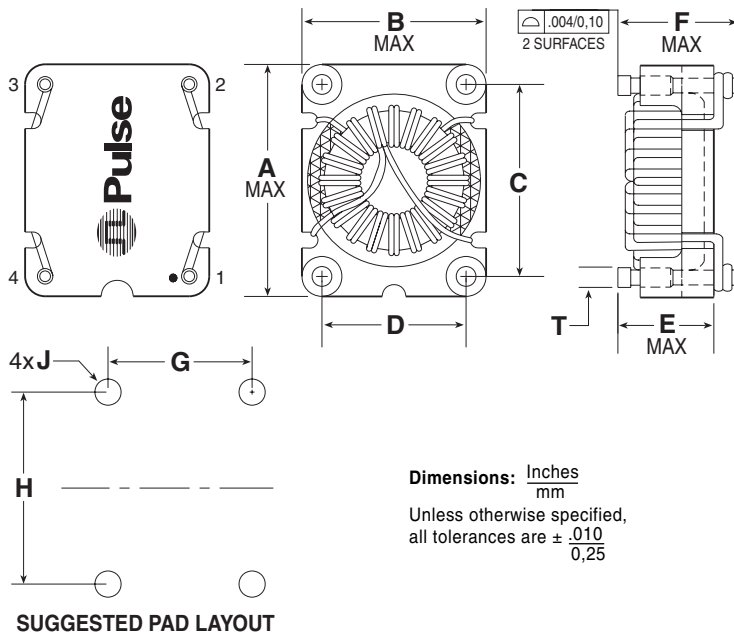
- Ruggedized header with POGO pins for secure board mounting
- Rated voltage 250V<sub>AC</sub>
- Low RFI toroid
- Tape & Reel packaging available

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

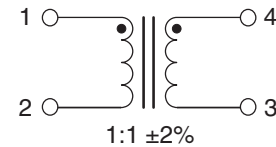
Part <sup>1</sup> Number	Inductance (mH ±30%)	I <sub>rated</sub> (A)	DCR (MAX) (mΩ)	SRF (MHz)	Impedance Curve (see below)	Size Code	Weight (Grams)	Quantity In Tube
PL8800	1.0	3.60	50	4	1	POGO 50	7.1	30
PL8801	1.5	1.50	60	2	2	POGO 40	2.5	30
PL8802	3.0	2.50	80	2.2	3	POGO 50	7.1	30
PL8803	10.0	1.00	450	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.

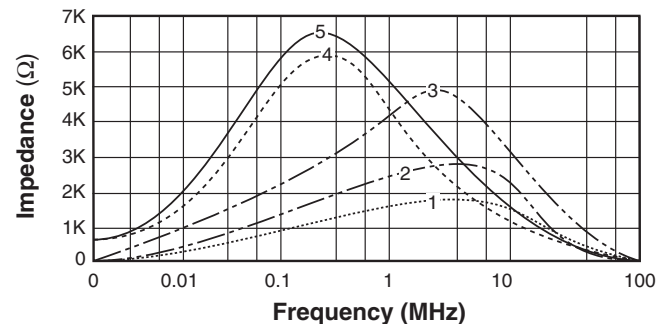
### Mechanical



### 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

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