

SMT COMMON MODE INDUCTORS

Toroid - Military/Aerospace POGO Series

0.5A to 3.6A



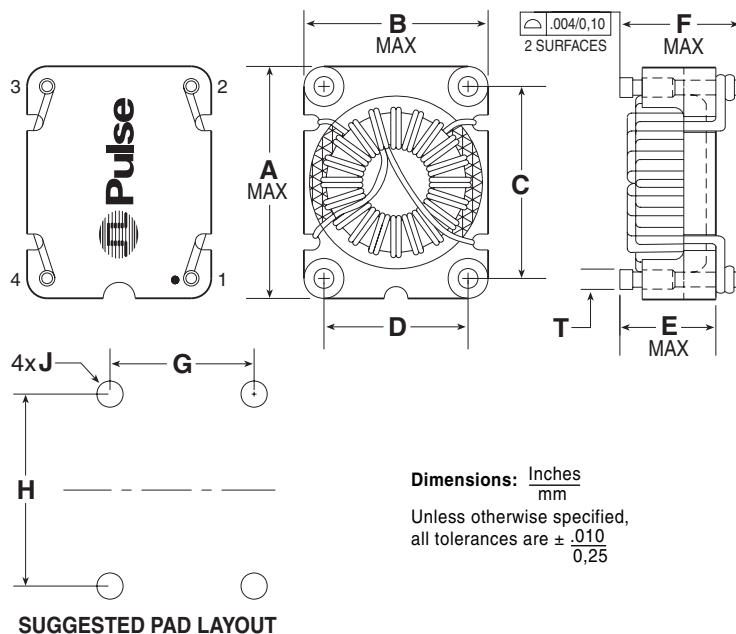
-  Ruggedized header with POGO pins for secure board mounting
-  Rated voltage 250V_{AC}
-  Low RFI toroid
-  Tape & Reel packaging available

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

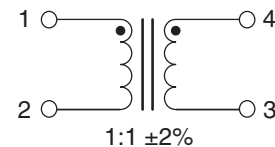
Part ¹ Number	Inductance (mH ±30%)	I _{rated} (A)	DCR (MAX) (mΩ)	SRF (MHz)	Impedance Curve (see below)	Size Code	Weight (Grams)	Quantity In Tube
PL8800	1.0	3.60	50	4	1	POGO 50	7.1	30
PL8801	1.5	1.50	60	2	2	POGO 40	2.5	30
PL8802	3.0	2.50	80	2.2	3	POGO 50	7.1	30
PL8803	10.0	1.00	450	0.5	4	POGO 40	3.0	30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

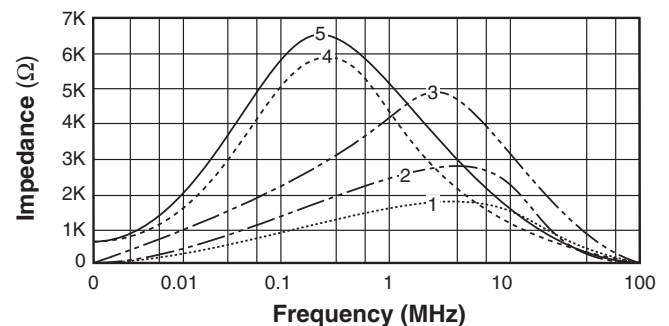
Mechanical



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

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