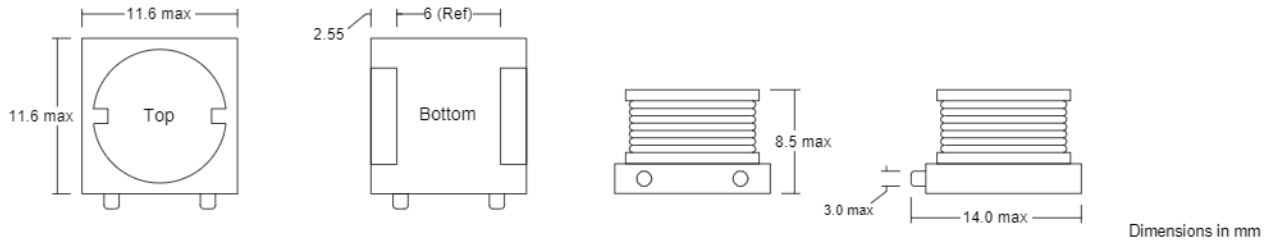
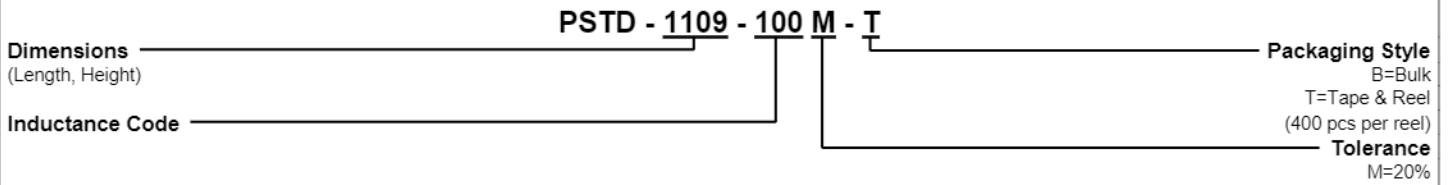


# SMD Power Inductor (PSTD-1109 Series)

## Dimensions



## Part Numbering Guide



## Features

<b>Inductance Range</b>	10 $\mu$ H to 1200 $\mu$ H
<b>Tolerance</b>	20%
<b>Design</b>	Designed for noise / EMI / RFI filters for surface mounting applications
<b>Solderability</b>	Contains tremendous electrode strength, excellent solder heat resistance

## Electrical Specifications

Inductance Code	Inductance ( $\mu$ H)	Test Freq (kHz)	RDC Max (Ohms)	IDC Max (A)
100	10	1	0.06	3.50
120	12	1	0.07	3.40
150	15	1	0.08	3.10
180	18	1	0.09	3.00
220	22	1	0.10	2.60
270	27	1	0.11	2.40
330	33	1	0.12	2.30
390	39	1	0.14	2.10
470	47	1	0.17	1.95
560	56	1	0.19	1.85
680	68	1	0.22	1.65
820	82	1	0.25	1.50
101	100	1	0.35	1.40
121	120	1	0.40	1.30
151	150	1	0.47	1.20
181	180	1	0.63	1.00
221	220	1	0.73	0.95
271	270	1	0.97	0.90
331	330	1	1.15	0.80
391	390	1	1.30	0.75
471	470	1	1.48	0.65
561	560	1	1.90	0.60
681	680	1	2.45	0.50
821	820	1	2.55	0.48
102	1000	1	3.00	0.46
122	1200	1	3.50	0.35

Specifications subject to change without notice. Rev. 10/00