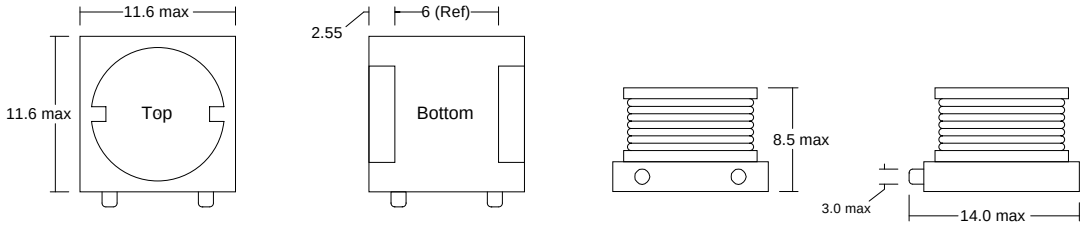
SMD Power Inductor **(PSTD-1109 Series)**

CALIBER ELECTRONICS INC.
specifications subject to change * revision 3-2003

Dimensions



(Not to scale)

Dimensions in mm

Part Numbering Guide

PSTD - 1109 - 100 M - T

Dimensions (Length, Height)

Inductance Code

Packaging Style
B=Bulk
T=Tape & Reel
(400 pcs per reel)

Tolerance
M=20%

Features

Inductance Range	10 µH to 1200 µH
Tolerance	20%
Design	Designed for noise / EMI / RFI filters for surface mounting applications
Solderability	Contains tremendous electrode strength, excellent solder heat resistance

Electrical Specifications

Inductance Code	Inductance (µH)	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