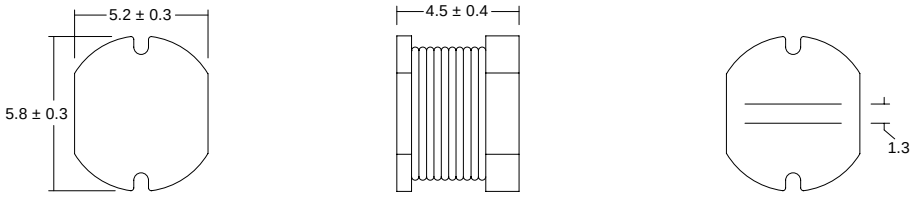
SMD Power Inductor **(PSCD-0504 Series)**

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

Dimensions



(Not to scale)

Dimensions in mm

Part Numbering Guide

PSCD - 0504 - 100 M - T

Dimensions (Length, Height)

Inductance Code

Packaging Style
B=Bulk
T=Tape & Reel
(1500 pcs per reel)

Tolerance
K+10%, L=15%, M=20%

Features

Inductance Range	10 µH to 220 µH
Tolerance	10%, 15%, 20% (see below for tolerance availability)
Construction	Magnetically Shielded

Electrical Specifications

Inductance Code	Inductance (µH)	Available Tolerance	Test Freq	DCR Max (Ohms)	Permissible DC Current
100	10	M	2.52 MHz	0.10	1.44
120	12	M	2.52 MHz	0.12	1.40
150	15	M	2.52 MHz	0.14	1.30
180	18	M	2.52 MHz	0.15	1.23
220	22	M	2.52 MHz	0.18	1.11
270	27	M	2.52 MHz	0.20	0.97
330	33	J, M	2.52 MHz	0.23	0.88
390	39	J, M	2.52 MHz	0.32	0.80
470	47	J, M	2.52 MHz	0.37	0.72
560	56	K, L, M	2.52 MHz	0.42	0.68
680	68	K, L, M	2.52 MHz	0.46	0.61
820	82	K, L, M	2.52 MHz	0.60	0.58
101	100	K, L, M	1 kHz	0.70	0.52
121	120	K, L, M	1 kHz	0.93	0.48
151	150	K, L, M	1 kHz	1.10	0.40
181	180	K, L, M	1 kHz	1.38	0.38
221	220	K, L, M	1 kHz	1.57	0.35