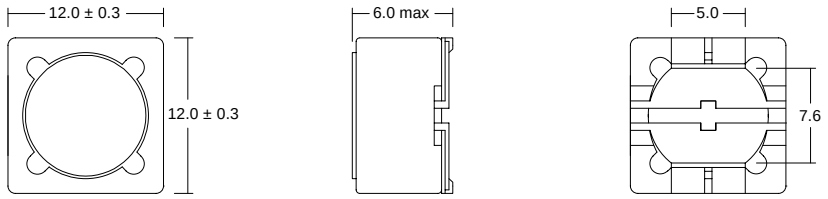
SMD Power Inductor **(PSCDS-125 Series)**

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

Dimensions



(Not to scale)

Dimensions in mm

Part Numbering Guide

PSCDS - 125 - 100 M - T

Dimensions (Length, Height)

Inductance Code

Packaging Style
B=Bulk
T=Tape & Reel

Tolerance
M=20%

Features

Inductance Range	10 µH to 1000 µH
Tolerance	20%
Construction	Magnetically Shielded, Direct Connected Ferrite Electrode

Electrical Specifications

Inductance Code	Inductance (µH)	Test Freq	DCR Max (Ohms)	IDC Typ* (A)
100	10	1 kHz, 1 V	25m	4.00
120	12	1 kHz, 1 V	27m	3.50
150	15	1 kHz, 1 V	30m	3.30
180	18	1 kHz, 1 V	34m	3.00
220	22	1 kHz, 1 V	36m	2.80
270	27	1 kHz, 1 V	51m	2.30
330	33	1 kHz, 1 V	57m	2.10
390	39	1 kHz, 1 V	68m	2.00
470	47	1 kHz, 1 V	75m	1.80
560	56	1 kHz, 1 V	0.11	1.70
680	68	1 kHz, 1 V	0.12	1.50
820	82	1 kHz, 1 V	0.14	1.40
101	100	1 kHz, 1 V	0.16	1.30
121	120	1 kHz, 1 V	0.17	1.10
151	150	1 kHz, 1 V	0.23	1.00
181	180	1 kHz, 1 V	0.29	0.90
221	220	1 kHz, 1 V	0.40	0.80
271	270	1 kHz, 1 V	0.46	0.75
331	330	1 kHz, 1 V	0.51	0.68
391	390	1 kHz, 1 V	0.69	0.65
471	470	1 kHz, 1 V	0.77	0.58
561	560	1 kHz, 1 V	0.86	0.54
681	680	1 kHz, 1 V	1.20	0.48
821	820	1 kHz, 1 V	1.34	0.43
102	1000	1 kHz, 1 V	1.53	0.40

*Inductance drop = 10% typical at rated IDC

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

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