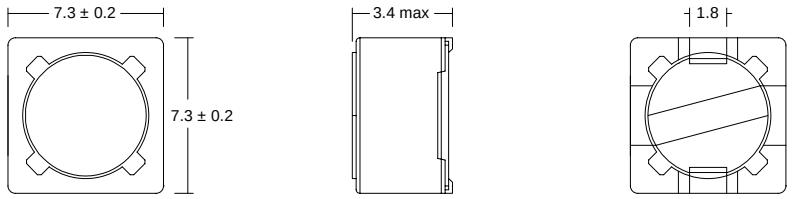
SMD Power Inductor **(PSCDS-73 Series)**

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

Dimensions



(Not to scale)

Dimensions in mm

Part Numbering Guide

PSCDS - 73 - 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	72m	1.68
120	12	1 kHz, 1 V	98m	1.52
150	15	1 kHz, 1 V	0.13	1.33
180	18	1 kHz, 1 V	0.14	1.20
220	22	1 kHz, 1 V	0.19	1.07
270	27	1 kHz, 1 V	0.21	0.96
330	33	1 kHz, 1 V	0.24	0.91
390	39	1 kHz, 1 V	0.32	0.77
470	47	1 kHz, 1 V	0.36	0.76
560	56	1 kHz, 1 V	0.47	0.68
680	68	1 kHz, 1 V	0.52	0.61
820	82	1 kHz, 1 V	0.69	0.57
101	100	1 kHz, 1 V	0.79	0.50
121	120	1 kHz, 1 V	0.89	0.49
151	150	1 kHz, 1 V	1.27	0.43
181	180	1 kHz, 1 V	1.45	0.39
221	220	1 kHz, 1 V	1.65	0.35
271	270	1 kHz, 1 V	2.31	0.32
331	330	1 kHz, 1 V	2.62	0.28
391	390	1 kHz, 1 V	2.94	0.26
471	470	1 kHz, 1 V	4.18	0.24
561	560	1 kHz, 1 V	4.67	0.22
681	680	1 kHz, 1 V	5.73	0.19
821	820	1 kHz, 1 V	6.54	0.18
102	1000	1 kHz, 1 V	9.44	0.16

*Inductance drop = 10% typical at rated IDC

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

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