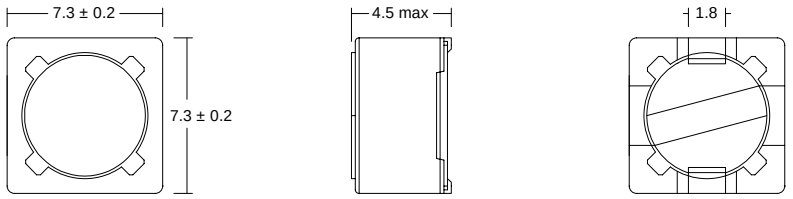
SMD Power Inductor **(PSCDS-74 Series)**

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

Dimensions



(Not to scale)

Dimensions in mm

Part Numbering Guide

PSCDS - 74 - 100 M - T

Dimensions (Length, Height)

Inductance Code

Tolerance
M=20%

Packaging Style
B=Bulk
T=Tape & Reel

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	49m	1.84
120	12	1 kHz, 1 V	58m	1.71
150	15	1 kHz, 1 V	81m	1.47
180	18	1 kHz, 1 V	91m	1.31
220	22	1 kHz, 1 V	0.11	1.23
270	27	1 kHz, 1 V	0.15	1.12
330	33	1 kHz, 1 V	0.17	0.96
390	39	1 kHz, 1 V	0.23	0.91
470	47	1 kHz, 1 V	0.26	0.88
560	56	1 kHz, 1 V	0.35	0.75
680	68	1 kHz, 1 V	0.38	0.69
820	82	1 kHz, 1 V	0.43	0.61
101	100	1 kHz, 1 V	0.61	0.60
121	120	1 kHz, 1 V	0.66	0.52
151	150	1 kHz, 1 V	0.88	0.46
181	180	1 kHz, 1 V	0.98	0.42
221	220	1 kHz, 1 V	1.17	0.36
271	270	1 kHz, 1 V	1.64	0.34
331	330	1 kHz, 1 V	1.86	0.32
391	390	1 kHz, 1 V	2.85	0.29
471	470	1 kHz, 1 V	3.01	0.26
561	560	1 kHz, 1 V	3.62	0.23
681	680	1 kHz, 1 V	4.63	0.22
821	820	1 kHz, 1 V	5.20	0.20
102	1000	1 kHz, 1 V	6.00	0.18

*Inductance drop = 10% typical at rated IDC

TEL *949-366-8700* **FAX** *949-366-8707* **WEB** *www.caliberelectronics.com*