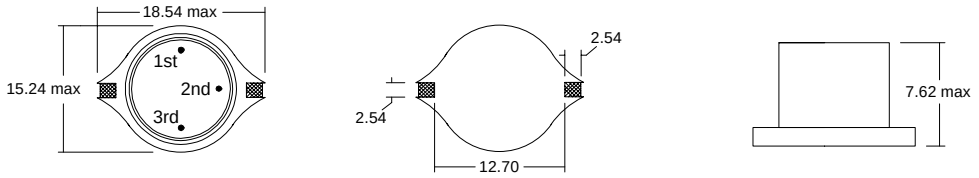
SMD Power Inductor **(PSDS-1306 Series)**

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

Dimensions



(Not to scale)

Dimensions in mm

Part Numbering Guide

PSDS - 1306 - 100 M - T

Dimensions
(Length, Height)

Inductance Code

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

Tolerance
M=20%

Features

Inductance Range	10 µH to 1000 µH
Tolerance	20%
Operating Temperature	-40°C to 85°C

Electrical Specifications

Inductance Code	Inductance (µH)	Test Freq	DCR Max (Ohms)	Isat* (A)	Irms** (A)
100	10	100 kHz, 0.1 Vrms	0.040	8.0	3.9
150	15	100 kHz, 0.1 Vrms	0.048	7.0	3.4
220	22	100 kHz, 0.1 Vrms	0.059	6.0	3.1
330	33	100 kHz, 0.1 Vrms	0.075	5.0	2.8
470	47	100 kHz, 0.1 Vrms	0.097	4.0	2.4
680	68	100 kHz, 0.1 Vrms	0.138	3.0	2.0
101	100	100 kHz, 0.1 Vrms	0.207	2.4	1.7
151	150	100 kHz, 0.1 Vrms	0.293	2.1	1.3
221	220	100 kHz, 0.1 Vrms	0.47	1.9	1.1
331	330	100 kHz, 0.1 Vrms	0.78	1.1	0.86
471	470	100 kHz, 0.1 Vrms	1.08	1.1	0.73
681	680	100 kHz, 0.1 Vrms	1.40	0.96	0.64
102	1000	100 kHz, 0.1 Vrms	2.01	0.80	0.53

*Inductive drop 10% typical at Isat. **40°C temperature rise.

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

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