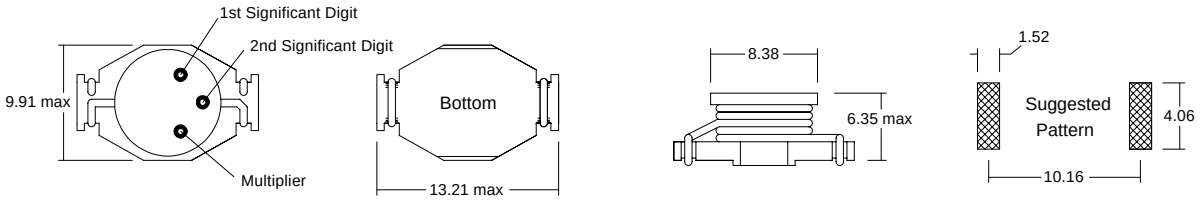
Power Inductor - High Current **(PSSL-0804HC Series)**

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

Dimensions



(Not to scale)

Dimensions in mm

Part Numbering Guide

PSSL - 0804 HC - R33 M - T

Series

HC = High Current

Inductance Code

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

Tolerance
M=20%

Features

Inductance Range	0.33 µH to 4.7 µH
Available Tolerance	M=20%
Operating Temperature	-40°C to 85°C

Electrical Specifications

Inductance Code	Inductance (µH ± 20%)	Test Frequency	DCR Max (Ohms)	Isat[1] (A)	Irms[2] (A)
R33	0.33	100 kHz, 0.1 Vrms	0.002	20.0	16.0
R68	0.68	100 kHz, 0.1 Vrms	0.005	13.0	12.0
1R0	1.0	100 kHz, 0.1 Vrms	0.006	11.0	10.0
1R5	1.5	100 kHz, 0.1 Vrms	0.008	9.0	9.0
2R2	2.2	100 kHz, 0.1 Vrms	0.011	7.8	7.4
2R7	2.7	100 kHz, 0.1 Vrms	0.012	7.0	6.6
3R3	3.3	100 kHz, 0.1 Vrms	0.014	6.4	5.9
4R7	4.7	100 kHz, 0.1 Vrms	0.018	5.4	4.8
6R8	6.8	100 kHz, 0.1 Vrms	0.020	3.6	5.0
100	10.0	100 kHz, 0.1 Vrms	0.026	3.3	4.3

Notes:
1) Inductance drop = 10% typ. At Isat
2) △T = 40°C typ. At Irms

Specifications subject to change without notice. Rev. 02/01