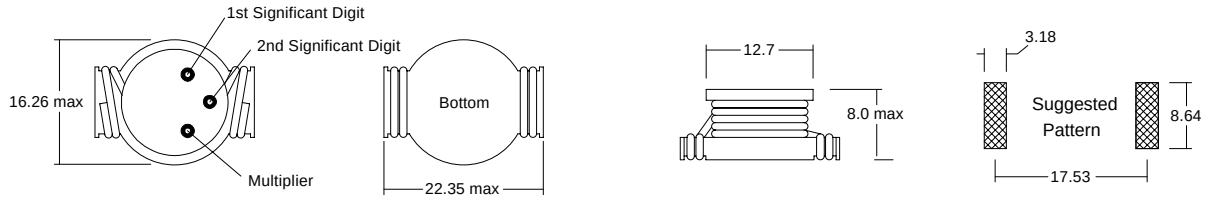
Power Inductor - High Current **(PSSL-1306HC Series)**

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

Dimensions



(Not to scale)

Dimensions in mm

Part Numbering Guide

PSSL - 1306 HC - R78 M - T

Series

HC = High Current

Inductance Code

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

Tolerance
M=20%

Features

Inductance Range	0.78 µH to 15 µH
Available Tolerance	M=20%
Operating Temperature	-40°C to 85°C

Electrical Specifications

Inductance Code	Inductance (µH ± 20%)	Test Frequency	DCR Max (mΩ)	SRF Typ (MHz)	Isat[1] (A)	Irms[2] (A)
R78	0.78	100 kHz, 0.1 Vrms	2.6	156	30	15
1R5	1.5	100 kHz, 0.1 Vrms	4.0	100	25	15
2R2	2.2	100 kHz, 0.1 Vrms	6.1	75	20	12
3R3	3.3	100 kHz, 0.1 Vrms	8.6	60	17	10
3R9	3.9	100 kHz, 0.1 Vrms	10	55	15	9.0
4R7	4.7	100 kHz, 0.1 Vrms	14	40	13	8.4
6R0	6.0	100 kHz, 0.1 Vrms	17	35	12	7.5
7R8	7.8	100 kHz, 0.1 Vrms	18	35	11	7.5
100	10	100 kHz, 0.1 Vrms	26	28	10	6.0
150	15	100 kHz, 0.1 Vrms	32	20	8	4.4

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