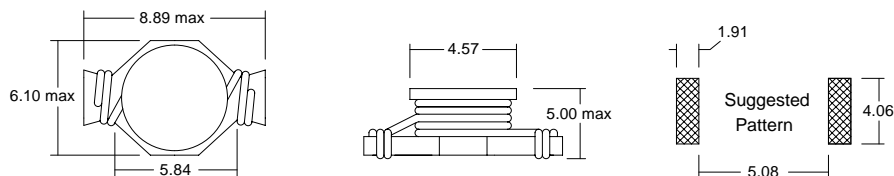


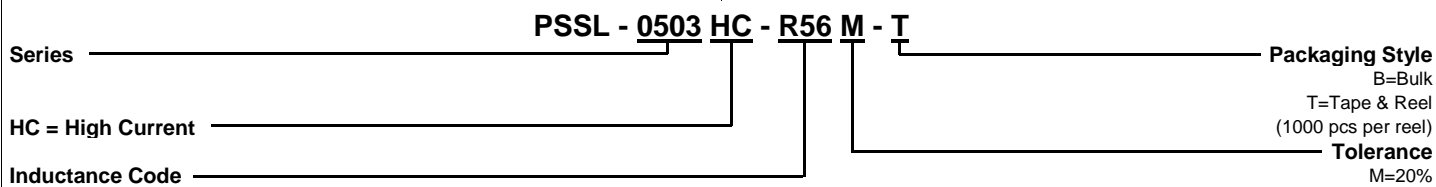
Dimensions



(Not to scale)

Dimensions in mm

Part Numbering Guide



Features

Inductance Range	0.56 μ H to 47 μ H
Available Tolerance	M=20%
Operating Temperature	-40°C to 85°C

Electrical Specifications

Inductance Code	Inductance (μ H \pm 20%)	Test Frequency	DCR Max (m Ω)	SRF Typ (MHz)	Isat ¹ (A)	I _{rms} ² (A)
R56	0.56	100 kHz, 0.25 V _{rms}	0.010	200	7.7	6.0
1R2	1.2	100 kHz, 0.25 V _{rms}	0.017	140	5.3	4.4
2R2	2.2	100 kHz, 0.25 V _{rms}	0.035	100	3.5	3.1
4R7	4.7	100 kHz, 0.25 V _{rms}	0.054	50	2.6	2.2
100	10	100 kHz, 0.25 V _{rms}	0.111	40	1.9	1.5
150	15	100 kHz, 0.25 V _{rms}	0.17	30	1.5	1.2
220	22	100 kHz, 0.25 V _{rms}	0.25	25	1.2	1.0
330	33	100 kHz, 0.25 V _{rms}	0.37	20	0.99	0.82
470	47	100 kHz, 0.25 V _{rms}	0.47	15	0.87	0.72

Notes: 1) Inductance drop = 30% typ. At Isat
 2) Δ T = 40°C typ. At I_{rms}