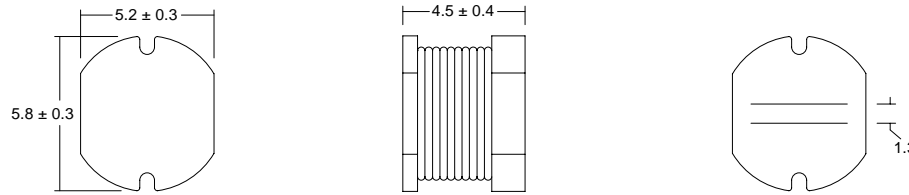


# SMD Power Inductor (PSCD-0504 Series)

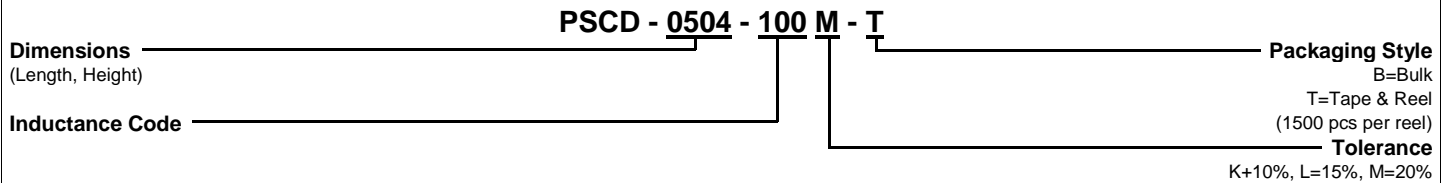
## Dimensions



(Not to scale)

Dimensions in mm

## Part Numbering Guide



## Features

<b>Inductance Range</b>	10 $\mu$ H to 220 $\mu$ H
<b>Tolerance</b>	10%, 15%, 20% (see below for tolerance availability)
<b>Construction</b>	Magnetically Shielded

## Electrical Specifications

Inductance Code	Inductance ( $\mu$ H)	Available Tolerance	Test Freq	DCR Max (Ohms)	Permissible DC Current
100	10	M	2.52 MHz	0.10	1.44
120	12	M	2.52 MHz	0.12	1.40
150	15	M	2.52 MHz	0.14	1.30
180	18	M	2.52 MHz	0.15	1.23
220	22	M	2.52 MHz	0.18	1.11
270	27	M	2.52 MHz	0.20	0.97
330	33	J, M	2.52 MHz	0.23	0.88
390	39	J, M	2.52 MHz	0.32	0.80
470	47	J, M	2.52 MHz	0.37	0.72
560	56	K, L, M	2.52 MHz	0.42	0.68
680	68	K, L, M	2.52 MHz	0.46	0.61
820	82	K, L, M	2.52 MHz	0.60	0.58
101	100	K, L, M	1 kHz	0.70	0.52
121	120	K, L, M	1 kHz	0.93	0.48
151	150	K, L, M	1 kHz	1.10	0.40
181	180	K, L, M	1 kHz	1.38	0.38
221	220	K, L, M	1 kHz	1.57	0.35

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