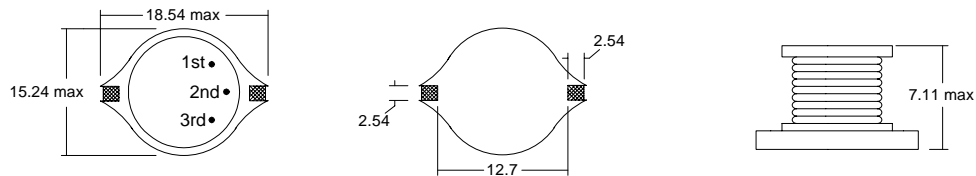


# SMD Power Inductor (PSSL-1306 Series)

## Dimensions



(Not to scale)

Dimensions in mm

## Part Numbering Guide

**PSSL - 1306 - 1R0 M - T**

Dimensions  
(Length, Height)

Inductance Code

Packaging Style

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

Tolerance  
M=20%

## Features

Inductance Range	1.0 $\mu$ H to 1000 $\mu$ H
Tolerance	20%
Temperature	-40°C to 85°C

## Electrical Specifications

Inductance Code	Inductance ( $\mu$ H)	Test Freq	DCR Max (Ohms)	Isat* (A)	Irms (A)
1R0	1.0	100 kHz, 0.1 Vrms	0.011	20	8.6
2R2	2.2	100 kHz, 0.1 Vrms	0.014	16	7.1
3R3	3.3	100 kHz, 0.1 Vrms	0.016	14	6.2
5R6	5.6	100 kHz, 0.1 Vrms	0.022	12	5.3
100	10	100 kHz, 0.1 Vrms	0.032	10	4.3
150	15	100 kHz, 0.1 Vrms	0.036	8.0	4.0
220	22	100 kHz, 0.1 Vrms	0.047	7.0	3.5
330	33	100 kHz, 0.1 Vrms	0.066	5.5	3.0
470	47	100 kHz, 0.1 Vrms	0.087	4.5	2.6
680	68	100 kHz, 0.1 Vrms	0.13	3.5	2.3
101	100	100 kHz, 0.1 Vrms	0.19	3.0	1.8
151	150	100 kHz, 0.1 Vrms	0.25	2.6	1.5
221	220	100 kHz, 0.1 Vrms	0.38	2.4	1.2
331	330	100 kHz, 0.1 Vrms	0.56	1.9	1.0
471	470	100 kHz, 0.1 Vrms	0.85	1.4	0.82
681	680	100 kHz, 0.1 Vrms	1.2	1.2	0.72
102	1000	100 kHz, 0.1 Vrms	1.8	1.0	0.56

\*Inductance drop = 10% typical at rated Isat

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