

Wire Wound SMD Power Inductors – SWRB-S Series

Operating Temperature: -40 ~+105°C (Including Self-heating)



FEATURES

- Various high power inductors are superior to be high saturation
- Suitable for surface mounting equipment

APPLICATIONS

- Power supply choke for small electrical equipments such as VTR, LCD display, Notebook, communication equipment, and so on.

PRODUCT IDENTIFICATION

SWRB **1204** **S** **-1R0** **N** **I**

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Type	
SWRB	Wire Wound SMD Type Power Inductors (With Plastic Base)

External Dimensions	
1204~1207	

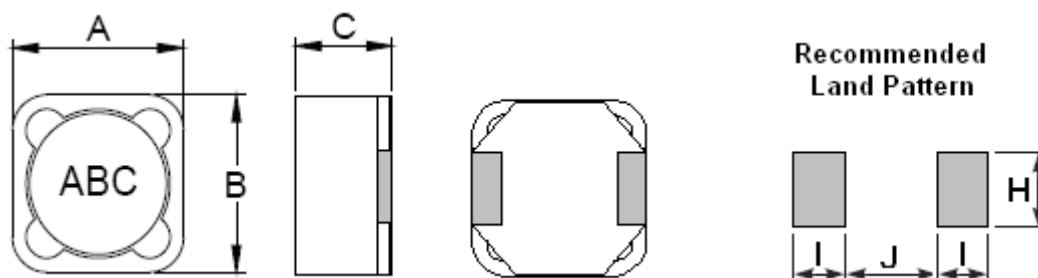
Configuration	
S	S Type Base

Nominal Inductance	
Example	Nominal Value
1R0	1.0μH
100	10μH
101	100μH

Inductance Tolerance	
M	±20%
N	±30%

Packing	
T	Tape Carrier Package

SHAPE AND DIMENSIONS



Unit: mm

Series	A max.	B max.	C max.	I typ.	J typ.	H typ.
SWRB1204S	12.5	12.5	5.0	2.9	7.0	5.4
SWRB1205S	12.5	12.5	6.0	2.9	7.0	5.4
SWRB1207S	12.5	12.5	8.0	2.9	7.0	5.4

Max. DC Resistance	Max. Rated Current
Ω	A
DCR	I _r
0.010	7.00
0.014	5.70
0.015	5.20
0.018	4.90

SPECIFICATIONS

SWRB1205S TYPE

Part Number		L Test Condition	Max. DC Resistance	Max. Rated Current
Units	μH	Hz, V	Ω	A
Symbol	L	-	DCR	I _r
SWRB1205S-151MT	150±20%	1k, 0.3V	0.230	1.00
SWRB1205S-181MT	180±20%	1k, 0.3V	0.290	0.90
SWRB1205S-221MT	220±20%	1k, 0.3V	0.400	0.80
SWRB1205S-271MT	270±20%	1k, 0.3V	0.460	0.75
SWRB1205S-331MT	330±20%	1k, 0.3V	0.510	0.68
SWRB1205S-331MT	330±20%	1k, 0.3V	0.510	0.68
SWRB1205S-391MT	390±20%	1k, 0.3V	0.690	0.65