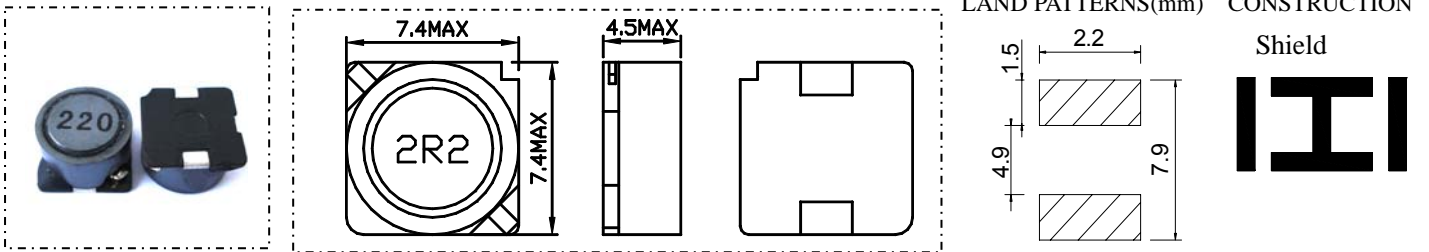


SDRB7645

Inductance Range: 2.2 μ H~330 μ H
Temperature Range: -40 $^{\circ}$ C~+105 $^{\circ}$ C

DIMENSIONS(mm)



FEATURES:

- ★Quantity / Reel: 1000pcs
- ★High current & low DCR, Quadrate7.4mm Max, Heigh4.2mm Typ.
- ★The use of carrier tape package for SMT reflow soldering process
- ★Widely use in DC-DC converter/LCD TV/Notebook/ PDA /Digital camera/DVD etc.
- ★Design to customer requirement

RoHS Compliant(SGS Certified Result)				
Pb	Cd	Cr+6	PBBs	PBDEs
<1000ppm	ND	ND	ND	ND

Electrical Characteristics:

Part Number	Test Condition	Inductance (μ H)	Tolerance (%)	D.C.R(m Ω) Max.	Rated Current(A)
SDRB7645-2R2M	100KHz/0.3V	2.2	\pm 20	30	2.46
SDRB7645-3R3M	100KHz/0.3V	3.3	\pm 20	35	2.28
SDRB7645-4R7M	100KHz/0.3V	4.7	\pm 20	41	2.08
SDRB7645-6R8M	100KHz/0.3V	6.8	\pm 20	47	1.94
SDRB7645-100M	1KHz/0.3V	10	\pm 20	50	1.68
SDRB7645-120M	1KHz/0.3V	12	\pm 20	70	1.54
SDRB7645-150M	1KHz/0.3V	15	\pm 20	80	1.39
SDRB7645-180M	1KHz/0.3V	18	\pm 20	90	1.26
SDRB7645-220M	1KHz/0.3V	22	\pm 20	110	1.13
SDRB7645-270M	1KHz/0.3V	27	\pm 20	150	1.02
SDRB7645-330M	1KHz/0.3V	33	\pm 20	170	0.84
SDRB7645-390M	1KHz/0.3V	39	\pm 20	180	0.80
SDRB7645-470M	1KHz/0.3V	47	\pm 20	200	0.76
SDRB7645-560M	1KHz/0.3V	56	\pm 20	280	0.64
SDRB7645-680M	1KHz/0.3V	68	\pm 20	320	0.60
SDRB7645-820M	1KHz/0.3V	82	\pm 20	350	0.57
SDRB7645-101M	1KHz/0.3V	100	\pm 20	400	0.50
SDRB7645-221M	1KHz/0.3V	220	\pm 20	620	0.33
SDRB7645-331M	1KHz/0.3V	330	\pm 20	940	0.27

- 1、Inductance is measured with a LCR meter:HP4284A & 3532-50 or equivalent.
- 2、D.C .R is measured with a Digital Multimeter TH2512B or equivalent.
- 3、Rated Current: The rated current is the current at which the inductance decreases by 25% from the initial value or the temperature rise is $\Delta T=40^{\circ}$ C ,whichever is smaller($T_a=20^{\circ}$ C).