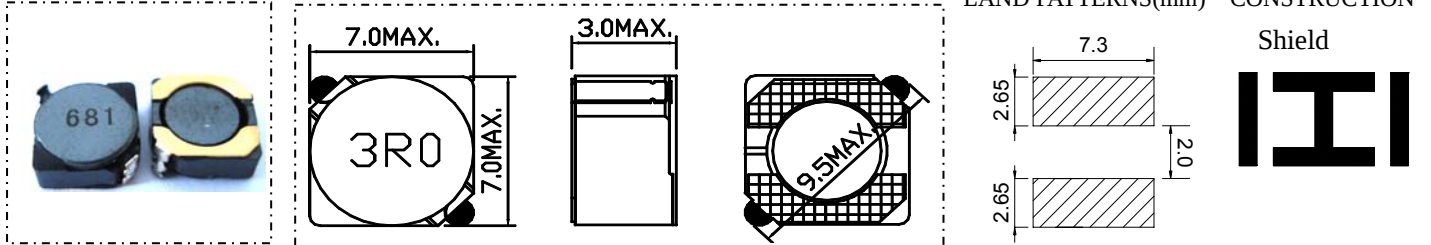


SDRH6D28

Inductance Range: 3.0 μ H~680 μ H

Temperature Range: -40 $^{\circ}$ C~+105 $^{\circ}$ C

DIMENSIONS(mm)



FEATURES:

- ★Quantity / Reel: 1500pcs
- ★Small products, Quadrate 7.0mm Max, Height 2.8mm Typ.
- ★The use of carrier tape package for SMT reflow soldering process
- ★Widely use in DC-DC converter/LCD TV/Notebook/PDA/MP3 & MP4 player/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(Ω) Max.	Rated Current(A)
SDRH6D28-3R0M,N	10KHz/0.1V	3.0	$\pm 20, \pm 30$	24m	3.00
SDRH6D28-3R3M,N	10KHz/0.1V	3.3	$\pm 20, \pm 30$	26m	2.60
SDRH6D28-3R9M,N	10KHz/0.1V	3.9	$\pm 20, \pm 30$	27m	2.60
SDRH6D28-6R0M,N	10KHz/0.1V	6.0	$\pm 20, \pm 30$	35m	2.25
SDRH6D28-7R3M,N	10KHz/0.1V	7.3	$\pm 20, \pm 30$	54m	2.10
SDRH6D28-8R6M,N	10KHz/0.1V	8.6	$\pm 20, \pm 30$	58m	1.85
SDRH6D28-100M,N	10KHz/0.1V	10	$\pm 20, \pm 30$	65m	1.70
SDRH6D28-120M,N	10KHz/0.1V	12	$\pm 20, \pm 30$	70m	1.55
SDRH6D28-150M,N	10KHz/0.1V	15	$\pm 20, \pm 30$	84m	1.40
SDRH6D28-180M,N	10KHz/0.1V	18	$\pm 20, \pm 30$	95m	1.32
SDRH6D28-220M,N	10KHz/0.1V	22	$\pm 20, \pm 30$	128m	1.20
SDRH6D28-270M,N	10KHz/0.1V	27	$\pm 20, \pm 30$	142m	1.05
SDRH6D28-330M,N	10KHz/0.1V	33	$\pm 20, \pm 30$	165m	0.97
SDRH6D28-390M,N	10KHz/0.1V	39	$\pm 20, \pm 30$	210m	0.86
SDRH6D28-470M,N	10KHz/0.1V	47	$\pm 20, \pm 30$	238m	0.80
SDRH6D28-560M,N	10KHz/0.1V	56	$\pm 20, \pm 30$	277m	0.73
SDRH6D28-680M,N	10KHz/0.1V	68	$\pm 20, \pm 30$	304m	0.65
SDRH6D28-820M,N	10KHz/0.1V	82	$\pm 20, \pm 30$	390m	0.60
SDRH6D28-101M,N	10KHz/0.1V	100	$\pm 20, \pm 30$	0.535	0.54
SDRH6D28-121M,N	10KHz/0.1V	120	$\pm 20, \pm 30$	0.750	0.51
SDRH6D28-151M,N	10KHz/0.1V	150	$\pm 20, \pm 30$	0.950	0.47
SDRH6D28-181M,N	10KHz/0.1V	180	$\pm 20, \pm 30$	1.200	0.41
SDRH6D28-221M,N	10KHz/0.1V	220	$\pm 20, \pm 30$	1.500	0.37
SDRH6D28-271M,N	10KHz/0.1V	270	$\pm 20, \pm 30$	1.700	0.33
SDRH6D28-331M,N	10KHz/0.1V	330	$\pm 20, \pm 30$	2.150	0.28
SDRH6D28-391M,N	10KHz/0.1V	390	$\pm 20, \pm 30$	2.250	0.27
SDRH6D28-471M,N	10KHz/0.1V	470	$\pm 20, \pm 30$	3.150	0.21
SDRH6D28-561M,N	10KHz/0.1V	560	$\pm 20, \pm 30$	3.750	0.20
SDRH6D28-681M,N	10KHz/0.1V	680	$\pm 20, \pm 30$	5.150	0.20

- 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 35% from the initial value or the temperature rise is $\Delta T=40^{\circ}$ C ,whichever is smaller($T_a=20^{\circ}$ C).