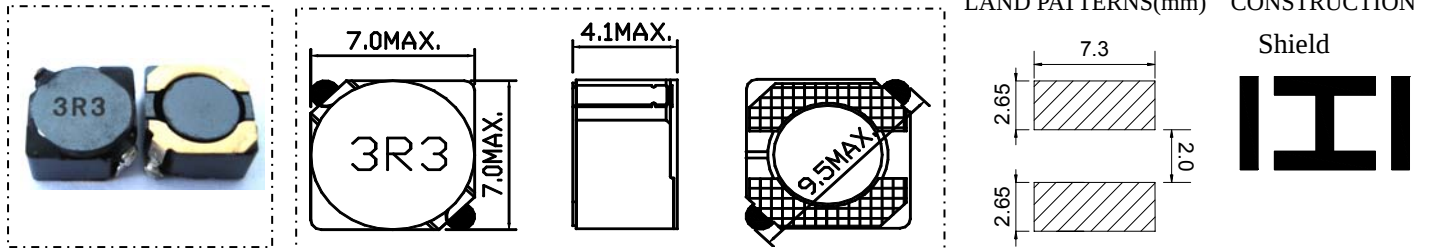


EDRH6D38

Inductance Range: 3.3 μ H~1000 μ H

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

DIMENSIONS(mm)



FEATURES:

- ★Quantity / Reel: 1000pcs
- ★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)
EDRH6D38-3R3M,N	10KHz/0.1V	3.3	$\pm 20, \pm 30$	20m	3.50
EDRH6D38-4R7M,N	10KHz/0.1V	4.7	$\pm 20, \pm 30$	24m	3.00
EDRH6D38-6R2M,N	10KHz/0.1V	6.2	$\pm 20, \pm 30$	27m	2.50
EDRH6D38-6R8M,N	10KHz/0.1V	6.8	$\pm 20, \pm 30$	31m	2.30
EDRH6D38-8R2M,N	10KHz/0.1V	8.2	$\pm 20, \pm 30$	34m	2.20
EDRH6D38-100M,N	10KHz/0.1V	10	$\pm 20, \pm 30$	38m	2.00
EDRH6D38-120M,N	10KHz/0.1V	12	$\pm 20, \pm 30$	53m	1.70
EDRH6D38-150M,N	10KHz/0.1V	15	$\pm 20, \pm 30$	57m	1.60
EDRH6D38-180M,N	10KHz/0.1V	18	$\pm 20, \pm 30$	92m	1.50
EDRH6D38-220M,N	10KHz/0.1V	22	$\pm 20, \pm 30$	96m	1.30
EDRH6D38-270M,N	10KHz/0.1V	27	$\pm 20, \pm 30$	0.109	1.20
EDRH6D38-330M,N	10KHz/0.1V	33	$\pm 20, \pm 30$	0.124	1.10
EDRH6D38-390M,N	10KHz/0.1V	39	$\pm 20, \pm 30$	0.138	1.00
EDRH6D38-470M,N	10KHz/0.1V	47	$\pm 20, \pm 30$	0.155	0.95
EDRH6D38-560M,N	10KHz/0.1V	56	$\pm 20, \pm 30$	0.202	0.85
EDRH6D38-680M,N	10KHz/0.1V	68	$\pm 20, \pm 30$	0.234	0.75
EDRH6D38-820M,N	10KHz/0.1V	82	$\pm 20, \pm 30$	0.324	0.70
EDRH6D38-101M,N	10KHz/0.1V	100	$\pm 20, \pm 30$	0.358	0.65
EDRH6D38-121M,N	10KHz/0.1V	120	$\pm 20, \pm 30$	0.470	0.59
EDRH6D38-151M,N	10KHz/0.1V	150	$\pm 20, \pm 30$	0.580	0.54
EDRH6D38-181M,N	10KHz/0.1V	180	$\pm 20, \pm 30$	0.690	0.49
EDRH6D38-221M,N	10KHz/0.1V	220	$\pm 20, \pm 30$	0.890	0.43
EDRH6D38-271M,N	10KHz/0.1V	270	$\pm 20, \pm 30$	1.290	0.40
EDRH6D38-331M,N	10KHz/0.1V	330	$\pm 20, \pm 30$	1.700	0.37
EDRH6D38-391M,N	10KHz/0.1V	390	$\pm 20, \pm 30$	1.750	0.34
EDRH6D38-471M,N	10KHz/0.1V	470	$\pm 20, \pm 30$	2.200	0.32
EDRH6D38-561M,N	10KHz/0.1V	560	$\pm 20, \pm 30$	2.850	0.29
EDRH6D38-681M,N	10KHz/0.1V	680	$\pm 20, \pm 30$	3.200	0.25
EDRH6D38-821M,N	10KHz/0.1V	820	$\pm 20, \pm 30$	4.050	0.22
EDRH6D38-102M,N	10KHz/0.1V	1000	$\pm 20, \pm 30$	5.700	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 $\Delta T=40^{\circ}\text{C}$,whichever is smaller($T_a=20^{\circ}\text{C}$).