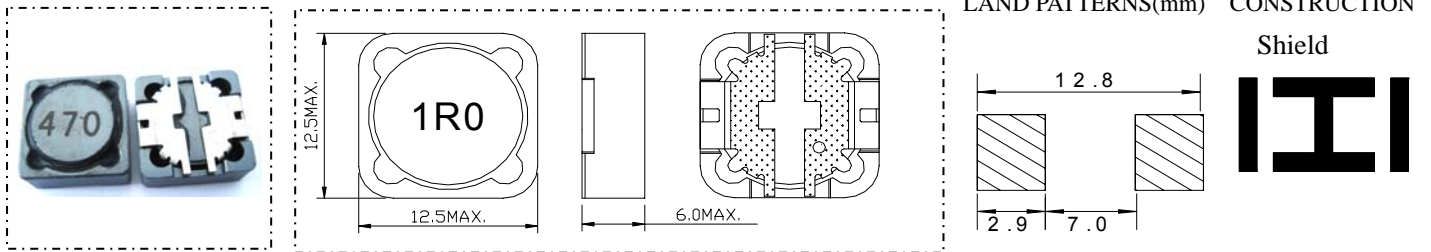


EDRH125

Inductance Range: 1.0 μ H~1000 μ H

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

DIMENSIONS(mm)



FEATURES:

- ★Quantity / Reel:500pcs
- ★High current & low DCR, Quadrate12.5mm Max, Height 6.0mm Max.
- ★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(Ω) Max.	Rated Current(A)
EDRH125-1R0M,N	100KHz/0.3V	1.0	$\pm 20, \pm 30$	10m	9.00
EDRH125-3R3M,N	100KHz/0.3V	3.3	$\pm 20, \pm 30$	18m	7.50
EDRH125-100M	1KHz/0.3V	10	± 20	25m	4.00
EDRH125-120M	1KHz/0.3V	12	± 20	27m	3.50
EDRH125-150M	1KHz/0.3V	15	± 20	30m	3.30
EDRH125-180M	1KHz/0.3V	18	± 20	34m	3.00
EDRH125-220M	1KHz/0.3V	22	± 20	36m	2.80
EDRH125-270M	1KHz/0.3V	27	± 20	51m	2.30
EDRH125-330M	1KHz/0.3V	33	± 20	57m	2.10
EDRH125-390M	1KHz/0.3V	39	± 20	68m	2.00
EDRH125-470M	1KHz/0.3V	47	± 20	75m	1.80
EDRH125-560M	1KHz/0.3V	56	± 20	0.110	1.70
EDRH125-680M	1KHz/0.3V	68	± 20	0.120	1.50
EDRH125-820M	1KHz/0.3V	82	± 20	0.140	1.40
EDRH125-101M	1KHz/0.3V	100	± 20	0.160	1.30
EDRH125-121M	1KHz/0.3V	120	± 20	0.170	1.10
EDRH125-151M	1KHz/0.3V	150	± 20	0.230	1.00
EDRH125-181M	1KHz/0.3V	180	± 20	0.290	0.90
EDRH125-221M	1KHz/0.3V	220	± 20	0.400	0.80
EDRH125-271M	1KHz/0.3V	270	± 20	0.460	0.75
EDRH125-331M	1KHz/0.3V	330	± 20	0.510	0.68
EDRH125-391M	1KHz/0.3V	390	± 20	0.690	0.65
EDRH125-471M	1KHz/0.3V	470	± 20	0.770	0.58
EDRH125-561M	1KHz/0.3V	560	± 20	0.860	0.54
EDRH125-681M	1KHz/0.3V	680	± 20	1.200	0.48
EDRH125-821M	1KHz/0.3V	820	± 20	1.340	0.43
EDRH125-102M	1KHz/0.3V	1000	± 20	1.530	0.40

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).