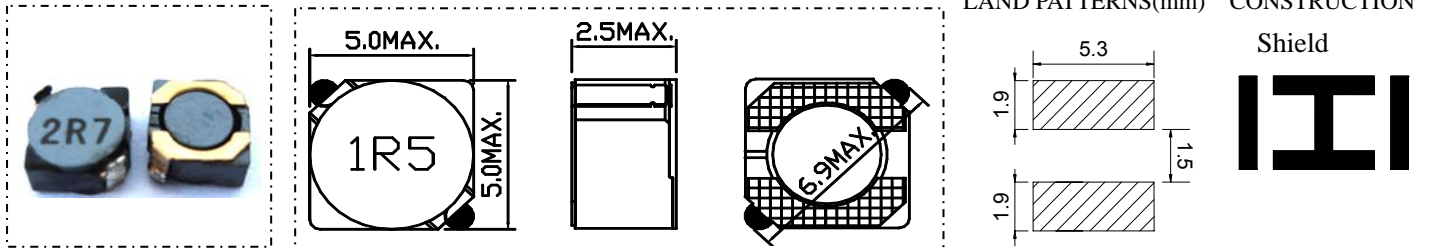


## EDRH4D22

**Inductance Range: 1.5 $\mu$ H~150 $\mu$ H**

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

### DIMENSIONS(mm)



### FEATURES:

- ★Quantity / Reel: 2500pcs
- ★Small products, Quadrate 5.0mm Max, Height 2.3mm 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 ( $\mu$ H)	Tolerance (%)	D.C.R( $\Omega$ ) Max.	Rated Current(A)
EDRH4D22-1R5M,N	100KHz/0.1V	1.5	$\pm 20, \pm 30$	0.045	2.70
EDRH4D22-2R2M,N	100KHz/0.1V	2.2	$\pm 20, \pm 30$	0.053	2.10
EDRH4D22-2R7M,N	100KHz/0.1V	2.7	$\pm 20, \pm 30$	0.056	2.00
EDRH4D22-3R3M,N	100KHz/0.1V	3.3	$\pm 20, \pm 30$	0.063	1.80
EDRH4D22-3R9M,N	100KHz/0.1V	3.9	$\pm 20, \pm 30$	0.071	1.60
EDRH4D22-4R7M,N	100KHz/0.1V	4.7	$\pm 20, \pm 30$	0.077	1.50
EDRH4D22-5R6M,N	100KHz/0.1V	5.6	$\pm 20, \pm 30$	0.083	1.40
EDRH4D22-6R8M,N	100KHz/0.1V	6.8	$\pm 20, \pm 30$	0.094	1.10
EDRH4D22-8R2M,N	100KHz/0.1V	8.2	$\pm 20, \pm 30$	0.105	1.00
EDRH4D22-100M,N	100KHz/0.1V	10	$\pm 20, \pm 30$	0.112	0.95
EDRH4D22-120M,N	100KHz/0.1V	12	$\pm 20, \pm 30$	0.162	0.80
EDRH4D22-150M,N	100KHz/0.1V	15	$\pm 20, \pm 30$	0.176	0.80
EDRH4D22-180M,N	100KHz/0.1V	18	$\pm 20, \pm 30$	0.192	0.72
EDRH4D22-220M,N	100KHz/0.1V	22	$\pm 20, \pm 30$	0.224	0.70
EDRH4D22-270M,N	100KHz/0.1V	27	$\pm 20, \pm 30$	0.261	0.60
EDRH4D22-330M,N	100KHz/0.1V	33	$\pm 20, \pm 30$	0.372	0.58
EDRH4D22-390M,N	100KHz/0.1V	39	$\pm 20, \pm 30$	0.394	0.52
EDRH4D22-470M,N	100KHz/0.1V	47	$\pm 20, \pm 30$	0.457	0.47
EDRH4D22-560M,N	100KHz/0.1V	56	$\pm 20, \pm 30$	0.514	0.45
EDRH4D22-680M,N	100KHz/0.1V	68	$\pm 20, \pm 30$	0.686	0.40
EDRH4D22-820M,N	100KHz/0.1V	82	$\pm 20, \pm 30$	0.802	0.35
EDRH4D22-101M,N	100KHz/0.1V	100	$\pm 20, \pm 30$	1.162	0.32
EDRH4D22-121M,N	100KHz/0.1V	120	$\pm 20, \pm 30$	1.298	0.30
EDRH4D22-151M,N	100KHz/0.1V	150	$\pm 20, \pm 30$	1.423	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 35% from the initial value or the temperature rise is  $\Delta T=40^{\circ}$ C ,whichever is smaller( $T_a=20^{\circ}$ C).