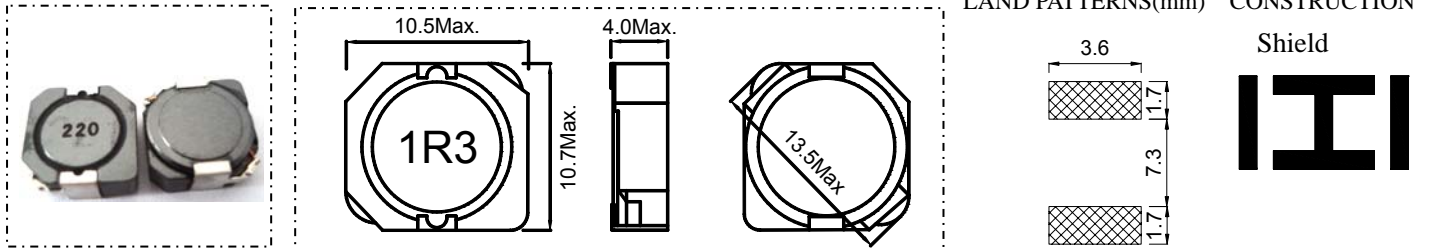


EDRH104R

Inductance Range: 1.3 μ H~330 μ H

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

DIMENSIONS(mm)



FEATURES:

- ★Quantity / Reel:800pcs
- ★High current & low DCR, Quadrate10.7mm Max, Height 4.0mm 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(m Ω) Max.	Rated Current	
					Isat(A)	Irms(A)
EDRH104R-1R3N	100KHz/1.0V	1.3	\pm 30	8.1	10.00	6.50
EDRH104R-2R5N	100KHz/1.0V	2.5	\pm 30	10.5	7.50	6.10
EDRH104R-3R8N	100KHz/1.0V	3.8	\pm 30	13.0	6.00	5.50
EDRH104R-4R7N	100KHz/1.0V	4.7	\pm 30	22.0	5.70	5.40
EDRH104R-6R8N	100KHz/1.0V	6.8	\pm 30	27.0	4.80	4.50
EDRH104R-7R0N	100KHz/1.0V	7.0	\pm 30	27.0	4.80	4.50
EDRH104R-100M,N	100KHz/1.0V	10	\pm 20, \pm 30	35.0	4.40	3.80
EDRH104R-150M,N	100KHz/1.0V	15	\pm 20, \pm 30	50.0	3.60	3.10
EDRH104R-220M,N	100KHz/1.0V	22	\pm 20, \pm 30	73.0	2.90	2.50
EDRH104R-330M,N	100KHz/1.0V	33	\pm 20, \pm 30	93.0	2.30	2.20
EDRH104R-470M,N	100KHz/1.0V	47	\pm 20, \pm 30	128.0	2.10	0.19
EDRH104R-680M,N	100KHz/1.0V	68	\pm 20, \pm 30	213.0	1.50	1.42
EDRH104R-101M,N	100KHz/1.0V	100	\pm 20, \pm 30	304.0	1.35	1.25
EDRH104R-121M,N	100KHz/1.0V	120	\pm 20, \pm 30	388.0	1.25	1.05
EDRH104R-151M,N	100KHz/1.0V	150	\pm 20, \pm 30	506.0	1.15	0.85
EDRH104R-221M,N	100KHz/1.0V	220	\pm 20, \pm 30	756.0	0.92	0.70
EDRH104R-331M,N	100KHz/1.0V	330	\pm 20, \pm 30	1090.0	0.70	0.52

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. The Isat is the current at which the inductance decreases by 35% from the initial value
4. The Irms by Stand-Type is the current at which the temperature rise is $\Delta T \leq 40^{\circ}C$, whichever ($T_a = 20^{\circ}C$)