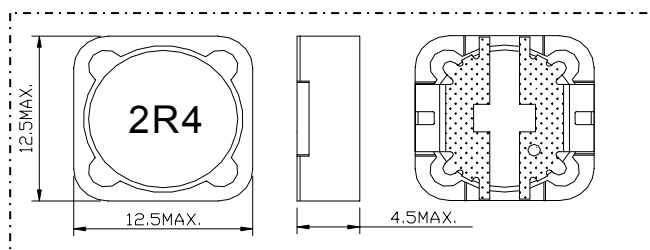


EDRH124

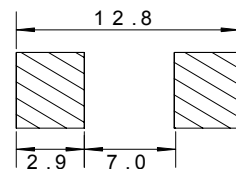
Inductance Range: 2.4μH~330μH

Temperature Range: -40℃~+105℃

DIMENSIONS(mm)



LAND PATTERNS(mm)



CONSTRUCTION

Shield



FEATURES:

- ★Quantity / Reel: 750pcs
- ★High current & low DCR, Quadrate 12.5mm Max, Height 4.5mm 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 (μH)	Tolerance (%)	D.C.R(mΩ) Max.	Rated Current(A)
EDRH124-2R4M,N	100KHz/0.3V	2.4	±20,±30	14.0	4.90
EDRH124-3R3M,N	100KHz/0.3V	3.3	±20,±30	15.0	6.50
EDRH124-4R7M,N	100KHz/0.3V	4.7	±20,±30	18.0	5.70
EDRH124-6R8M,N	100KHz/0.3V	6.8	±20,±30	23.0	4.90
EDRH124-8R2M,N	100KHz/0.3V	8.2	±20,±30	26.0	4.60
EDRH124-100M	1KHz/0.3V	10	±20	28.0	4.50
EDRH124-120M	1KHz/0.3V	12	±20	38.0	4.00
EDRH124-150M	1KHz/0.3V	15	±20	50.0	3.20
EDRH124-180M	1KHz/0.3V	18	±20	57.0	3.10
EDRH124-220M	1KHz/0.3V	22	±20	66.0	2.90
EDRH124-270M	1KHz/0.3V	27	±20	80.0	2.80
EDRH124-330M	1KHz/0.3V	33	±20	97.0	2.70
EDRH124-390M	1KHz/0.3V	39	±20	132.0	2.10
EDRH124-470M	1KHz/0.3V	47	±20	160.0	1.90
EDRH124-560M	1KHz/0.3V	56	±20	190.0	1.80
EDRH124-680M	1KHz/0.3V	68	±20	220.0	1.50
EDRH124-820M	1KHz/0.3V	82	±20	260.0	1.30
EDRH124-101M	1KHz/0.3V	100	±20	308.0	1.20
EDRH124-121M	1KHz/0.3V	120	±20	380.0	1.10
EDRH124-151M	1KHz/0.3V	150	±20	530.0	0.95
EDRH124-181M	1KHz/0.3V	180	±20	620.0	0.85
EDRH124-221M	1KHz/0.3V	220	±20	700.0	0.80
EDRH124-271M	1KHz/0.3V	270	±20	870.0	0.60
EDRH124-331M	1KHz/0.3V	330	±20	990.0	0.50

- 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 $\Delta T=40^{\circ}\text{C}$,whichever is smaller($T_a=20^{\circ}\text{C}$).