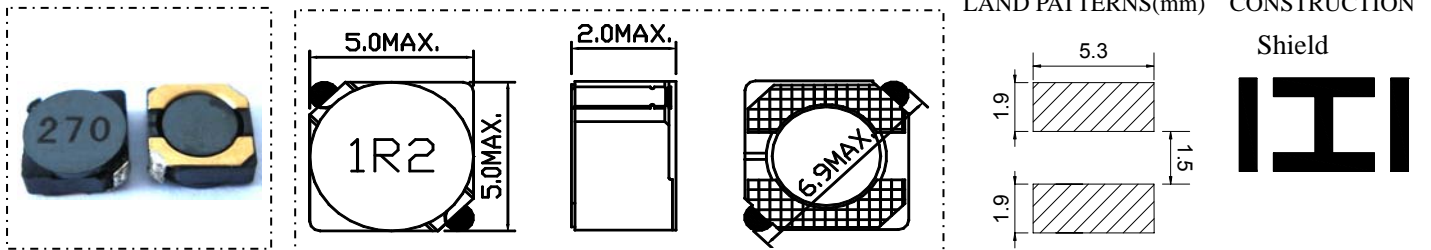


EDRH4D18

Inductance Range: 1.2μH~180μH

Temperature Range: -40°C~+105°C

DIMENSIONS(mm)




FEATURES:

- ★Quantity / Reel: 3000pcs
- ★Small products, Quadrate 5.0mm Max, Height 1.8mm 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 (μH)	Tolerance (%)	D.C.R(Ω) Max.	Rated Current(A)
EDRH4D18-1R2M,N	100KHz/0.1V	1.2	±20,±30	45m	1.72
EDRH4D18-2R2M,N	100KHz/0.1V	2.2	±20,±30	75m	1.32
EDRH4D18-3R9M,N	100KHz/0.1V	3.9	±20,±30	0.155	0.88
EDRH4D18-4R7M,N	100KHz/0.1V	4.7	±20,±30	0.162	0.84
EDRH4D18-5R6M,N	100KHz/0.1V	5.6	±20,±30	0.170	0.80
EDRH4D18-6R8M,N	100KHz/0.1V	6.8	±20,±30	0.200	0.76
EDRH4D18-8R2M,N	100KHz/0.1V	8.2	±20,±30	0.245	0.68
EDRH4D18-100M,N	100KHz/0.1V	10	±20,±30	0.200	0.61
EDRH4D18-120M,N	100KHz/0.1V	12	±20,±30	0.210	0.56
EDRH4D18-150M,N	100KHz/0.1V	15	±20,±30	0.240	0.50
EDRH4D18-180M,N	100KHz/0.1V	18	±20,±30	0.338	0.48
EDRH4D18-220M,N	100KHz/0.1V	22	±20,±30	0.397	0.41
EDRH4D18-270M,N	100KHz/0.1V	27	±20,±30	0.441	0.35
EDRH4D18-330M,N	100KHz/0.1V	33	±20,±30	0.694	0.32
EDRH4D18-390M,N	100KHz/0.1V	39	±20,±30	0.709	0.30
EDRH4D18-470M,N	100KHz/0.1V	47	±20,±30	0.922	0.28
EDRH4D18-560M,N	100KHz/0.1V	56	±20,±30	1.080	0.26
EDRH4D18-680M,N	100KHz/0.1V	68	±20,±30	1.300	0.24
EDRH4D18-820M,N	100KHz/0.1V	82	±20,±30	1.550	0.22
EDRH4D18-101M,N	100KHz/0.1V	100	±20,±30	1.730	0.20
EDRH4D18-121M,N	100KHz/0.1V	120	±20,±30	2.390	0.18
EDRH4D18-151M,N	100KHz/0.1V	150	±20,±30	2.670	0.15
EDRH4D18-181M,N	100KHz/0.1V	180	±20,±30	4.000	0.14

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($T_a=20^{\circ}\text{C}$).