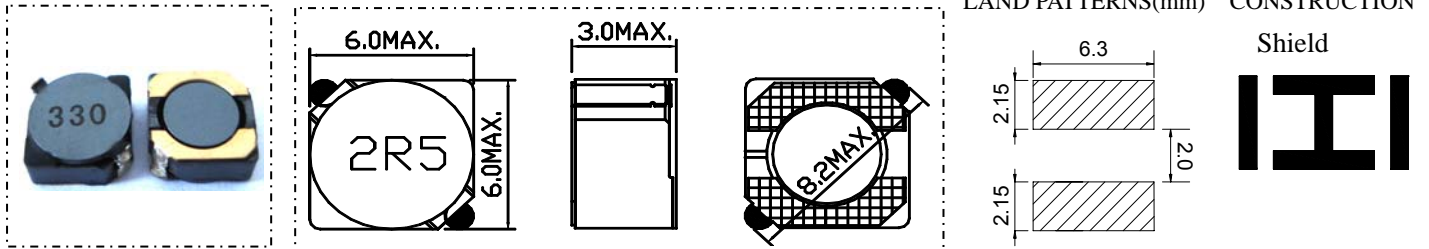


EDRH5D28

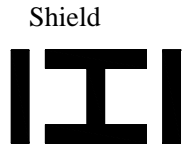
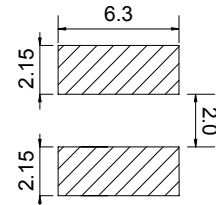
Inductance Range: 2.5 μ H~680 μ H

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

DIMENSIONS(mm)



LAND PATTERNS(mm) CONSTRUCTION



FEATURES:

- ★Quantity / Reel: 2000pcs
- ★Small products, Quadrate 6.0mm Max, Height 2.8mm 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 (μ H)	Tolerance (%)	D.C.R(Ω) Max.	Rated Current(A)
EDRH5D28-2R5M,N	10KHz/0.1V	2.5	$\pm 20, \pm 30$	18m	2.60
EDRH5D28-3R3M,N	10KHz/0.1V	3.3	$\pm 20, \pm 30$	30m	2.10
EDRH5D28-4R7M,N	10KHz/0.1V	4.7	$\pm 20, \pm 30$	35m	2.00
EDRH5D28-5R6M,N	10KHz/0.1V	5.6	$\pm 20, \pm 30$	40m	1.90
EDRH5D28-8R2M,N	10KHz/0.1V	8.2	$\pm 20, \pm 30$	53m	1.60
EDRH5D28-100M,N	10KHz/0.1V	10	$\pm 20, \pm 30$	65m	1.30
EDRH5D28-120M,N	10KHz/0.1V	12	$\pm 20, \pm 30$	76m	1.20
EDRH5D28-150M,N	10KHz/0.1V	15	$\pm 20, \pm 30$	0.103	1.10
EDRH5D28-180M,N	10KHz/0.1V	18	$\pm 20, \pm 30$	0.110	1.00
EDRH5D28-220M,N	10KHz/0.1V	22	$\pm 20, \pm 30$	0.122	0.90
EDRH5D28-270M,N	10KHz/0.1V	27	$\pm 20, \pm 30$	0.175	0.85
EDRH5D28-330M,N	10KHz/0.1V	33	$\pm 20, \pm 30$	0.189	0.75
EDRH5D28-390M,N	10KHz/0.1V	39	$\pm 20, \pm 30$	0.212	0.70
EDRH5D28-470M,N	10KHz/0.1V	47	$\pm 20, \pm 30$	0.250	0.62
EDRH5D28-560M,N	10KHz/0.1V	56	$\pm 20, \pm 30$	0.305	0.58
EDRH5D28-680M,N	10KHz/0.1V	68	$\pm 20, \pm 30$	0.355	0.52
EDRH5D28-820M,N	10KHz/0.1V	82	$\pm 20, \pm 30$	0.463	0.46
EDRH5D28-101M,N	10KHz/0.1V	100	$\pm 20, \pm 30$	0.520	0.42
EDRH5D28-121M,N	10KHz/0.1V	120	$\pm 20, \pm 30$	0.560	0.40
EDRH5D28-151M,N	10KHz/0.1V	150	$\pm 20, \pm 30$	0.680	0.35
EDRH5D28-181M,N	10KHz/0.1V	180	$\pm 20, \pm 30$	0.930	0.32
EDRH5D28-221M,N	10KHz/0.1V	220	$\pm 20, \pm 30$	1.150	0.30
EDRH5D28-271M,N	10KHz/0.1V	270	$\pm 20, \pm 30$	1.560	0.27
EDRH5D28-331M,N	10KHz/0.1V	330	$\pm 20, \pm 30$	1.980	0.25
EDRH5D28-391M,N	10KHz/0.1V	390	$\pm 20, \pm 30$	2.500	0.22
EDRH5D28-471M,N	10KHz/0.1V	470	$\pm 20, \pm 30$	2.700	0.20
EDRH5D28-561M,N	10KHz/0.1V	560	$\pm 20, \pm 30$	3.120	0.18
EDRH5D28-681M,N	10KHz/0.1V	680	$\pm 20, \pm 30$	4.150	0.16

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).