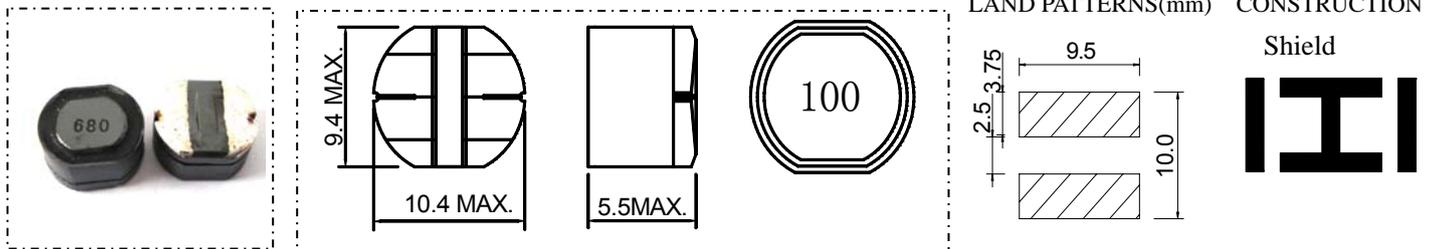


EDR105

Inductance Range: 10 μ H~470 μ H

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

DIMENSIONS(mm)



FEATURES:

- ★Quantity / Reel: 500pcs
- ★High current & low DCR, Round 10.0mm, Height 5.2mm 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)
EDR105-100M	1KHz/0.3V	10	\pm 20	60m	2.06
EDR105-120M	1KHz/0.3V	12	\pm 20	70m	1.94
EDR105-150M	1KHz/0.3V	15	\pm 20	70m	1.72
EDR105-180M	1KHz/0.3V	18	\pm 20	80m	1.58
EDR105-220M	1KHz/0.3V	22	\pm 20	80m	1.42
EDR105-270M	1KHz/0.3V	27	\pm 20	0.10	1.32
EDR105-330L,M	1KHz/0.3V	33	\pm 15, \pm 20	0.11	1.16
EDR105-390L,M	1KHz/0.3V	39	\pm 15, \pm 20	0.12	1.10
EDR105-470L,M	1KHz/0.3V	47	\pm 15, \pm 20	0.14	1.00
EDR105-560L,M	1KHz/0.3V	56	\pm 15, \pm 20	0.19	0.93
EDR105-680L,M	1KHz/0.3V	68	\pm 15, \pm 20	0.21	0.85
EDR105-820L,M	1KHz/0.3V	82	\pm 15, \pm 20	0.28	0.79
EDR105-101K,M	1KHz/0.3V	100	\pm 10, \pm 20	0.34	0.72
EDR105-121K,M	1KHz/0.3V	120	\pm 10, \pm 20	0.37	0.63
EDR105-151K,M	1KHz/0.3V	150	\pm 10, \pm 20	0.51	0.55
EDR105-181K,M	1KHz/0.3V	180	\pm 10, \pm 20	0.57	0.50
EDR105-221K,M	1KHz/0.3V	220	\pm 10, \pm 20	0.78	0.47
EDR105-271K,M	1KHz/0.3V	270	\pm 10, \pm 20	0.87	0.41
EDR105-331K,M	1KHz/0.3V	330	\pm 10, \pm 20	1.20	0.37
EDR105-391K,M	1KHz/0.3V	390	\pm 10, \pm 20	1.34	0.35
EDR105-471K,M	1KHz/0.3V	470	\pm 10, \pm 20	1.50	0.33

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