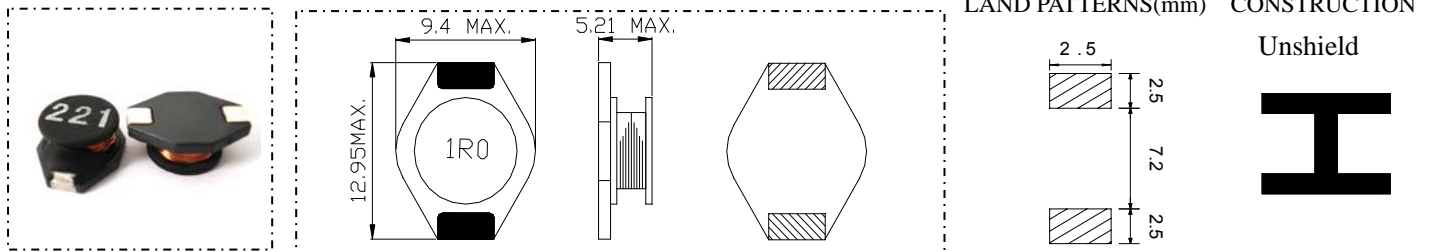


EDBE1205B

Inductance Range: 1.0 μ H~1000 μ H

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

DIMENSIONS(mm)



FEATURES:

- ★Quantity / Reel: 1000pcs
- ★High current & low DCR, Elliptic 9.4mm*12.95mm, Height 4.8mm Typ.
- ★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)
EDBE1205B-1R0M	100KHz/1.0V	1.0	\pm 20	9.0	9.00	6.80
EDBE1205B-1R5M	100KHz/1.0V	1.5	\pm 20	10.0	8.00	6.40
EDBE1205B-2R2M	100KHz/1.0V	2.2	\pm 20	12.0	7.00	6.10
EDBE1205B-3R3M	100KHz/1.0V	3.3	\pm 20	15.0	6.40	5.40
EDBE1205B-4R7M	100KHz/1.0V	4.7	\pm 20	18.0	5.40	4.80
EDBE1205B-6R8M	100KHz/1.0V	6.8	\pm 20	27.0	4.60	4.40
EDBE1205B-100M	100KHz/1.0V	10	\pm 20	38.0	3.80	3.90
EDBE1205B-150M	100KHz/1.0V	15	\pm 20	46.0	3.00	3.10
EDBE1205B-220M	100KHz/1.0V	22	\pm 20	85.0	2.60	2.70
EDBE1205B-330M	100KHz/1.0V	33	\pm 20	100	2.00	2.10
EDBE1205B-470M	100KHz/1.0V	47	\pm 20	140	1.60	1.80
EDBE1205B-680M	100KHz/1.0V	68	\pm 20	200	1.40	1.50
EDBE1205B-101M	100KHz/1.0V	100	\pm 20	280	1.20	1.30
EDBE1205B-151M	100KHz/1.0V	150	\pm 20	400	1.00	1.00
EDBE1205B-221M	100KHz/1.0V	220	\pm 20	610	0.80	0.80
EDBE1205B-331M	100KHz/1.0V	330	\pm 20	1020	0.60	0.60
EDBE1205B-102M	100KHz/1.0V	1000	\pm 20	3000	0.30	0.30

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 10% from the initial value
4. The I rms by Stand-Type is the current at which the temperature rise is $\Delta T \leq 40^{\circ}$ C, whichever ($T_a = 20^{\circ}$ C)