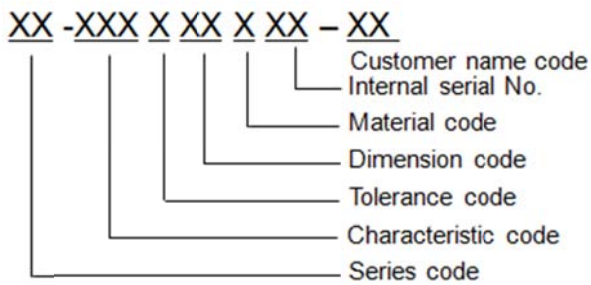
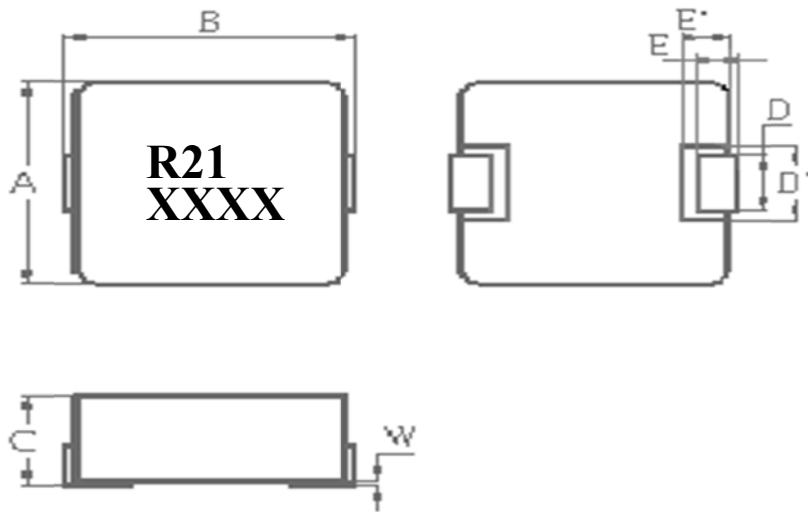


SMD Alloy Molding Power Inductor EM-96V Series (107404)

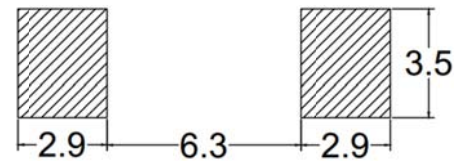
1. CONFIGURATIONS & DIMENSIONS



TOLERANCE CODE:

J:±5% K:±10% L:±15%
M:±20% N:±30%

Code	Dimensions(mm)
A:	7.6MAX
B:	11.6MAX
C:	4.0MAX
E:	2.0±0.5
E':	2.6±0.1
D :	3.0±0.3
D':	5.0±0.2
W:	0.15+0



SUGGEST PCB PATTERN

2. SPECIFICATIONS

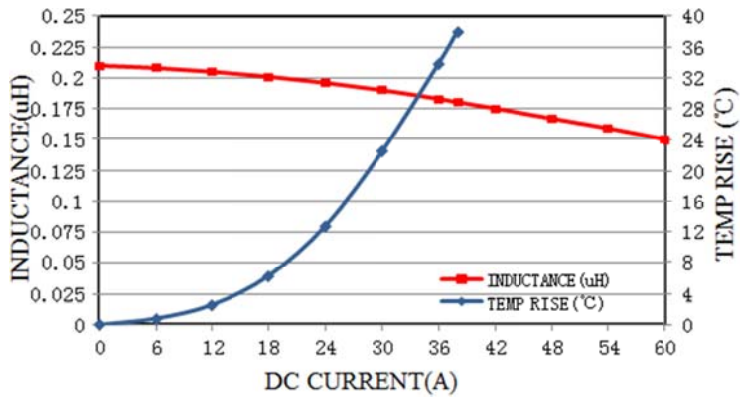
Part Number	Inductance L0(uH)± 20%@0A	Irms(A) typ	Isat(A) typ	DCR(mΩ) @25°C
EM-21BM96V01	0.21	38	60	0.69±5%

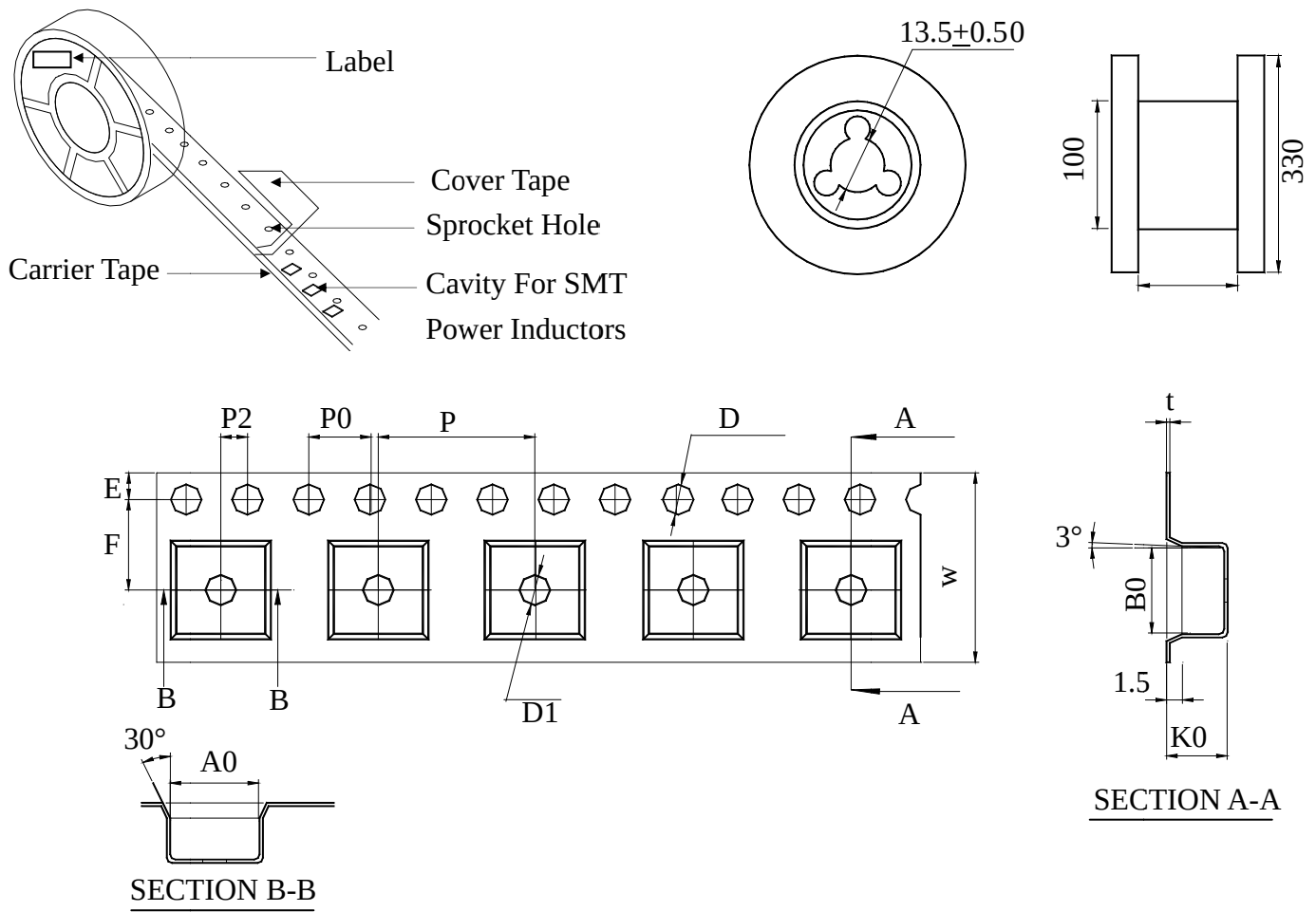
Note:

- Test frequency: L: 100 KHz /1.0v.
- All test data referenced to 25°C ambient.
- Temperature Rise Current: ΔT 40°C approximately at Irms.
- Saturation Rated Current: Inductance drop approximately 30% at Isat.
- Storage temp.: -40°C ~ 85°C.
- Storage R.H: 20% ~ 75%.
- Operating temp.: -55°C~ +125°C.
- Special inquiries besides the above common used types can be met on your requirement.

3. DC Bias Characteristics (Typical)

EM-21BM96V01



PACKAGING SPECIFICATION FOR SMD POWER INDUCTORS (unit: mm)


	W	P	E	F	A0	B0	K0	t
107404/ EM-96V	24.0+0.10/-0.30	16.0±0.10	1.75±0.10	11.50±0.10	7.9±0.10	11.90±0.10	4.3±0.10	0.35±0.05

	Chip / Reel
107404/EM-96V	500 pcs