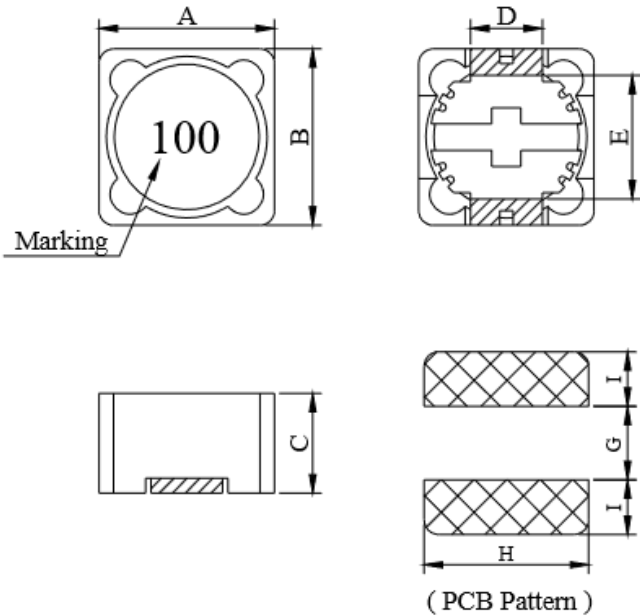


# FSND1207



## SHAPE AND DIMENSIONS (mm)



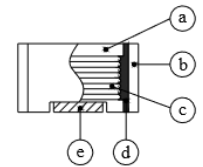
Item	Spec. (mm)
A	12.0 ± 0.30
B	12.0 ± 0.30
C	8.00 max.
D	5.00 ± 0.20
E	7.60 ± 0.20
G	7.00 ref.
H	5.40 ref.
I	2.90 ref.

## SCHEMATIC DIAGRAM



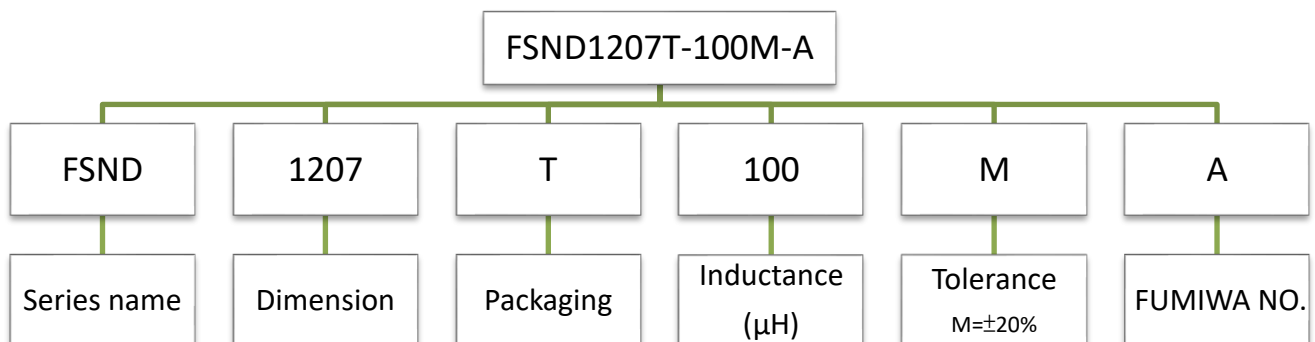
## MATERIAL LIST

- a. Core : Ferrite DR core
- b. Core : Ferrite RI core
- c. Wire : Enamelled copper wire (class H)
- d. Adhesive : Epoxy resin
- e. Terminal : Cu / Ni / Sn



## PRODUCT IDENTIFICATION

(ex.)



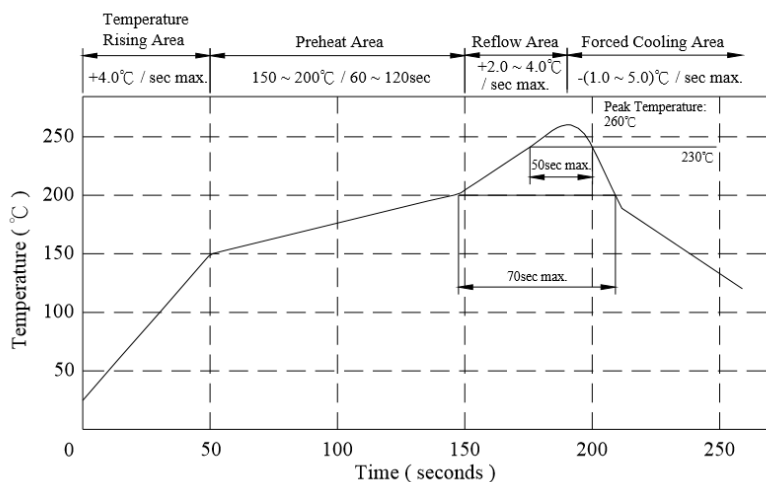
## ELECTRICAL CHARACTERISTICS

Part No.	Inductance ( $\mu\text{H}$ ) $\pm 20\%$	Test Freq. (Hz)	RDC( $\Omega$ ) Max.	IDC(A) Max.
FSND1207T-1R2M	1.2	100K	0.007	9.80
FSND1207T-2R2M	2.2	100K	0.010	8.50
FSND1207T-3R3M	3.3	100K	0.013	7.80
FSND1207T-4R7M	4.7	100K	0.016	6.80
FSND1207T-6R8M	6.8	100K	0.014	6.40
FSND1207T-7R6M	7.6	100K	0.020	5.90
FSND1207T-100M	10.0	1K	0.022	5.40
FSND1207T-150M	15.0	1K	0.027	4.50
FSND1207T-180M	18.0	1K	0.040	3.90
FSND1207T-220M	22.0	1K	0.043	3.60
FSND1207T-270M	27.0	1K	0.046	3.40
FSND1207T-330M	33.0	1K	0.065	3.00
FSND1207T-390M	39.0	1K	0.073	2.75
FSND1207T-470M	47.0	1K	0.100	2.50
FSND1207T-560M	56.0	1K	0.110	2.35
FSND1207T-680M	68.0	1K	0.140	2.10
FSND1207T-820M	82.0	1K	0.160	1.95
FSND1207T-101M	100.0	1K	0.220	1.70
FSND1207T-121M	120.0	1K	0.250	1.60

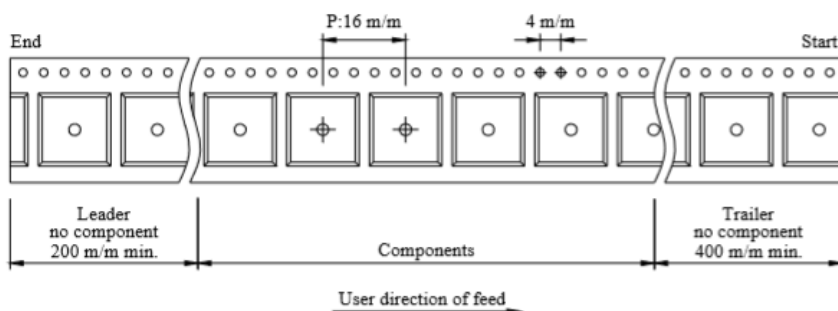
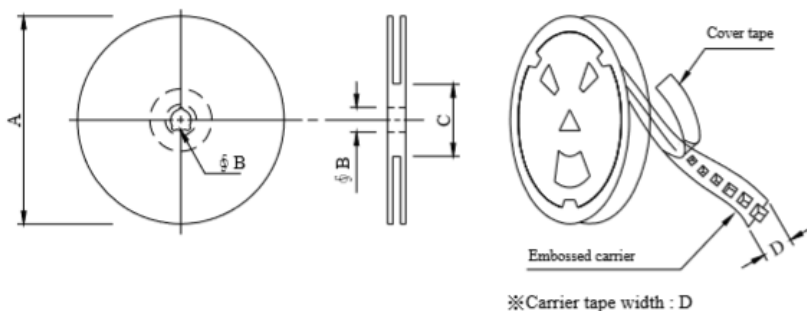
\*IDC base on  $\Delta L / L0A=25\%$  max.

## RECOMMENDED SOLDERING CONDITIONS

Peak Temp : 260°C max.  
 Max time above 230°C : 50sec max.  
 Max time above 200°C : 70sec max.



## PACKAGE



Reel type	A	B	C	D	Reel Q'ty
13-24	330mm	13mm	100mm	24mm	500pcs