

FNR4210



FEATURES

- Magnetically structure
- High current capacity
- Low DC resistance
- Large Current Capability

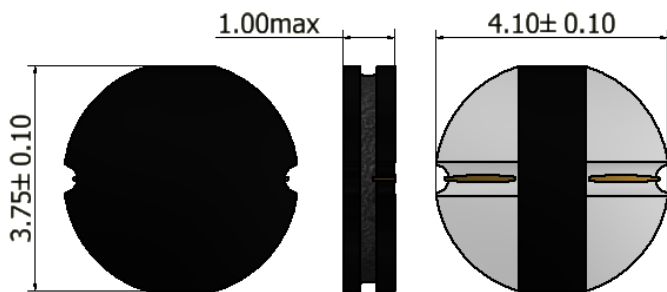
APPLICATIONS

- Hard Disk Drives
- Car audio equipment
- Digital Camera
- Camcorder

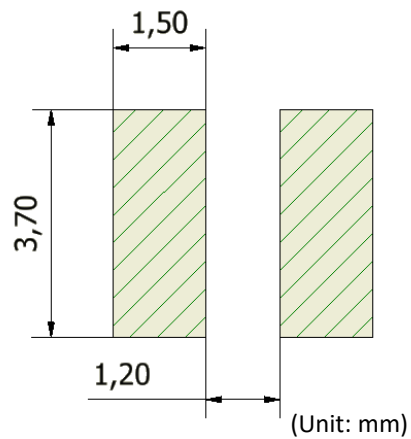
SPECIFICATIONS

Operating temperature range	-40 to +125°C
Storage temperature range	Under 25°C
Packaging style	Taping
Quantities	1000 pieces/reel

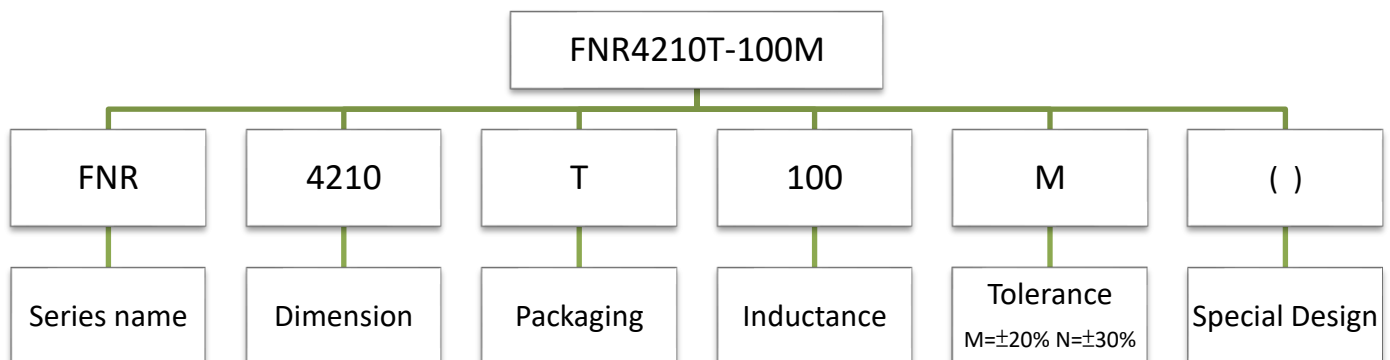
SHAPE AND DIMENSIONS (mm)



RECOMMENDED PATTERN



PRODUCT IDENTIFICATION



ELECTRICAL CHARACTERISTICS

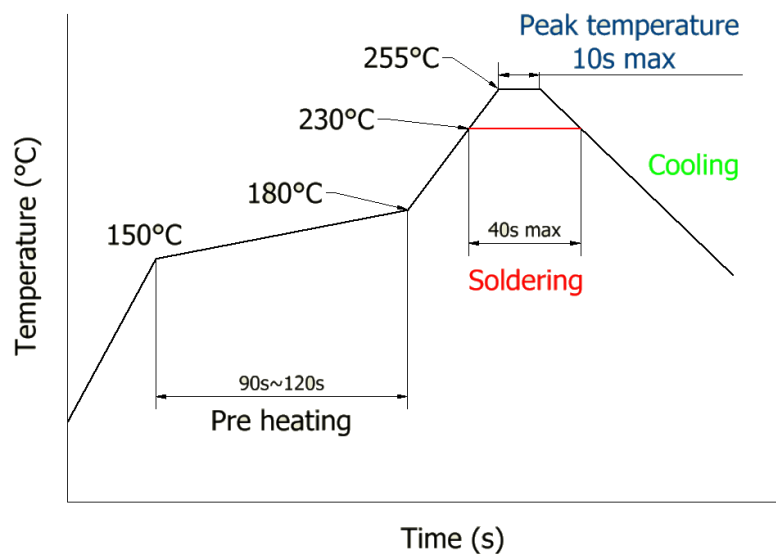
Part No.	Inductance (uH)	Inductance tolerance	Test Frequency (kHz)	DC resistance		Rated current(A)	
				(Ω)Max		Idc1	Idc2
FNR4210T-1R0M	1.0	±20%	100	0.120		3.00	3.20
FNR4210T-2R2M	2.2	±20%	100	0.180		2.40	2.60
FNR4210T-3R3M	3.3	±20%	100	0.216		1.80	2.00
FNR4210T-4R7M	4.7	±20%	100	0.252		1.45	1.55
FNR4210T-5R6M	5.6	±20%	100	0.336		1.35	1.45
FNR4210T-6R8M	6.8	±20%	100	0.360		1.20	1.30
FNR4210T-8R2M	8.2	±20%	100	0.432		1.15	1.25
FNR4210T-100M	10	±20%	100	0.456		1.05	1.15
FNR4210T-150M	15	±20%	100	0.612		0.90	1.00
FNR4210T-220M	22	±20%	100	1.044		0.70	0.80
FNR4210T-330M	33	±20%	100	1.848		0.55	0.60
FNR4210T-470M	47	±20%	100	2.172		0.45	0.55

*The saturation current value (Idc1) is the DC current value having inductance decrease down to 20% (at 25°C)

*The temperature rise current value (Idc2) is the DC current value having temperature increase up to 40°C(at 25°C)

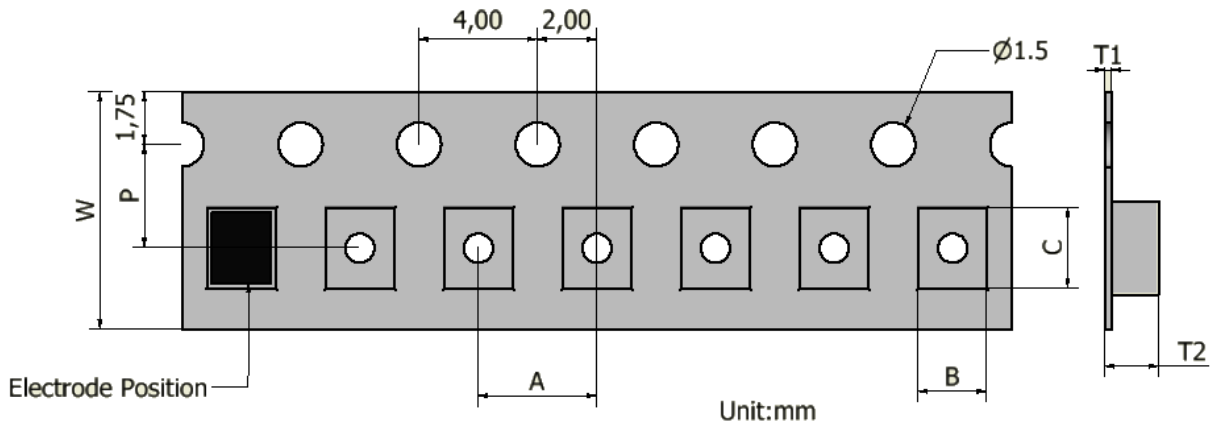
*Rated current: smaller value of either Idc1 or Idc2.

RECOMMENDED SOLDERING CONDITIONS



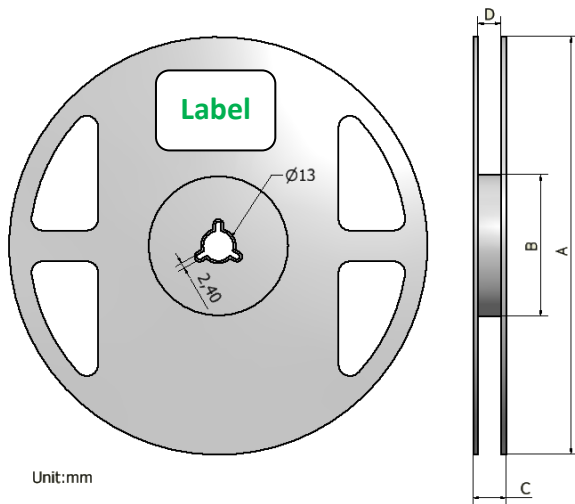
PACKAGE

(1) Taping specifications



Type	W	P	A	B	C	T1	T2
FNR4210	12±0.3	5.5	8.0±0.1	4.4±0.1	4.4±0.1	0.3±0.05	1.2±0.1

(2) Reel Specifications



Label

Wire Wound Power Inductors
 FNR4210T-□□□M
 1,000 PCS
 Lot No. _____
 FUMIWA TECHNICAL CO., LTD.

Type	A	B	C	D	Q'ty/Reel
FNR4210	180±1.5	60±2.0	19.5±0.15	14.5±0.15	1000

Type	Q'ty
PCS/Reel	1000
Reel/inner Box	5000
Inner Box/Carton	25000