

■ Features:

- Metallization on ferrite core results in excellent shock resistance and damage-free durability.
- Closed magnetic circuit design reduces leakage flux and Electro Magnetic Interference (EMI).
- Fe base metal material core provides large saturation current.
- Automatic production ensures high quality and consistency.

■ Applications:

- Notebooks, desktop computers, servers, graphic cards.
- Blue-ray disc recorders, set top box, Automotive systems.
- Portable gaming devices, personal navigation systems, personal multimedia devices

■ Parts code:

PNR--A

Type: A: (Type)
B: (Type)

252010

SERIES

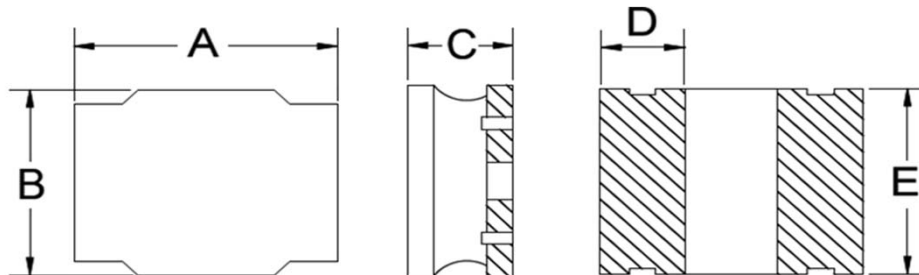
2R2

Inductance code

M

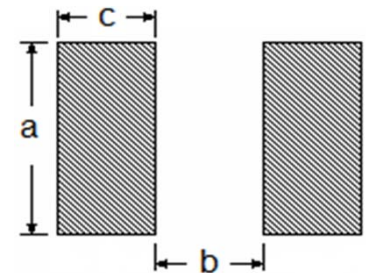
Tolerance: M: $\pm 20\%$
N: $\pm 30\%$

■ Outline Dimension:



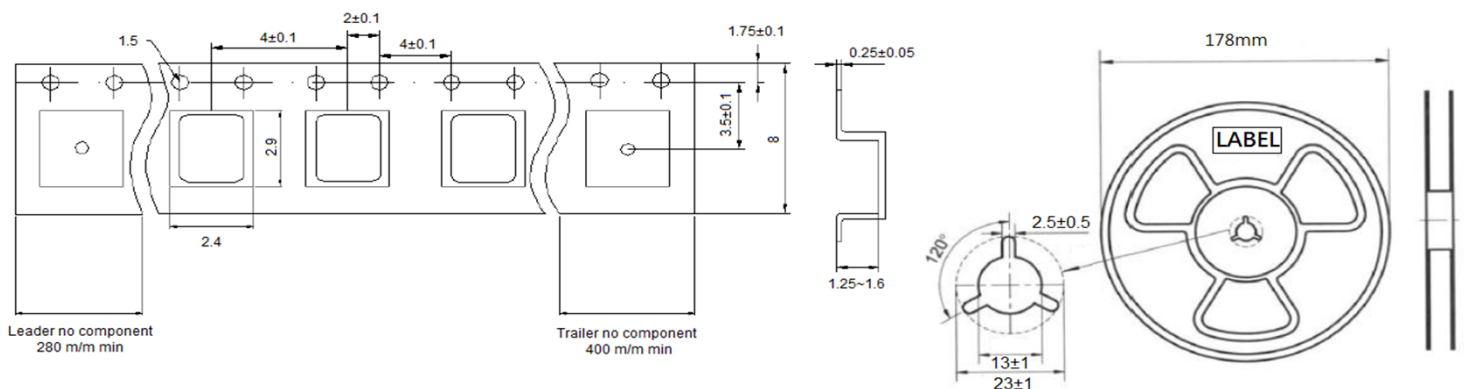
PNR-A (Type)

■ Recommended Land Pattern:



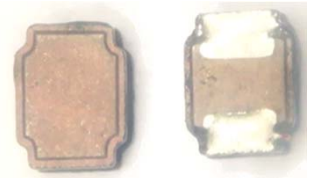
Dimensions in mm

TYPE	A	B	C	D	E	a	b	c
PNRA 252010	2.5 \pm 0.3	2.0 \pm 0.3	1.05 max	0.8 \pm 0.2	2.1 \pm 0.2	2.2 Typ	0.6 Typ	1.0 Typ



■ Package: Q'TY / Reel
PNRA-252010--2K/pcs

Hi-Current Power Inductor PNR-A 252010



■ Specifications

PNRA 252010

Flic No.	L	DCR (mΩ)	Stauration Current	Heat Rating Current
	(uH)	Max	Isat (A) Typ.	Irms (A) Typ.
PNRA 252010- R33N	0.33	39	5.50	4.05
PNRA 252010- R47N	0.47	45	5.20	3.70
PNRA 252010- R68N	0.68	59	3.60	3.20
PNRA 252010- 1R0M	1.0	76	3.10	2.90
PNRA 252010- 1R5M	1.5	106	3.00	2.30
PNRA 252010- 2R2M	2.2	155	2.20	1.80
PNRA 252010- 3R3M	3.3	235	1.80	1.40
PNRA 252010- 4R7M	4.7	276	1.50	1.30
PNRA 252010- 100M	10	520	1.00	0.90

■ Notes: Tolerance: M ($\pm 20\%$), N ($\pm 30\%$)

■ Test Ferquency: 1 MHz / 0.25V

Isat: Based on Inductance decrease 30%

Irms: Based on Temperature increase 40°C

Operating temperature range: -40°C ~ +125°C

Storage Temp: -40°C ~ +125°C