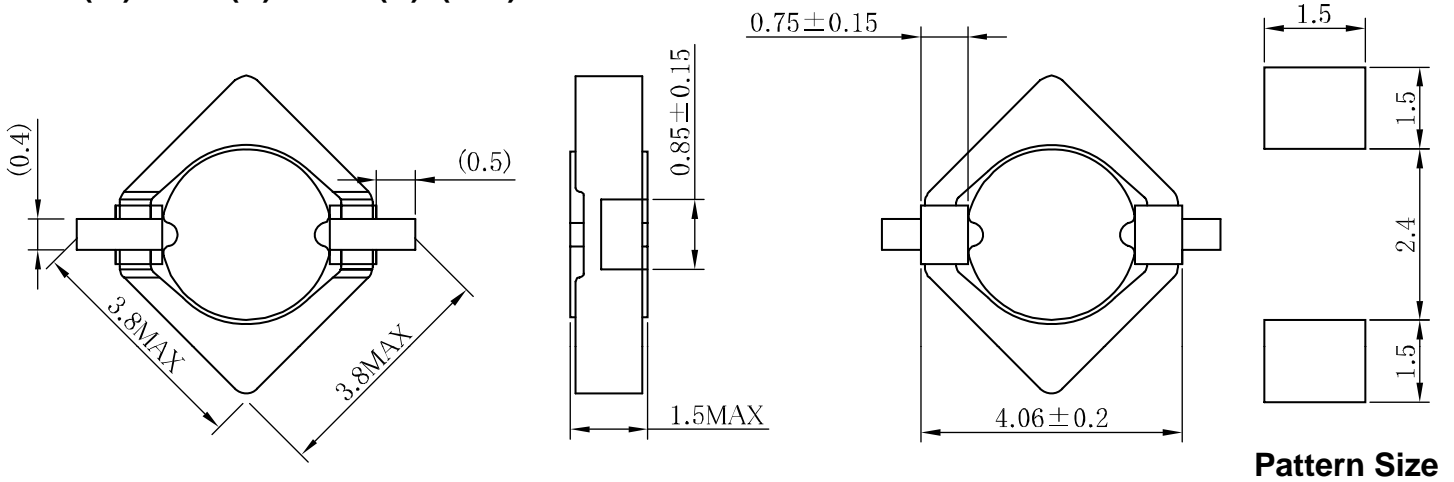


SNFC 0415P Series

Shield Type Ni-Zn Ferrite Choke Coils

Dimensions

3.8 (W) × 3.8 (D) × 1.5 (H) (mm)



Features

- Using high-B_m Ni-Zn ferrite core
- Contribute to miniaturization of electronic equipment
- Minimum leakage flux for shield structure

Ordering

SNFC 0415 P - 100 F

Material
Inductance 100: 10μH
Type
Size 04: ◇4.0 mm
15: height 1.5mm
Series

Specification

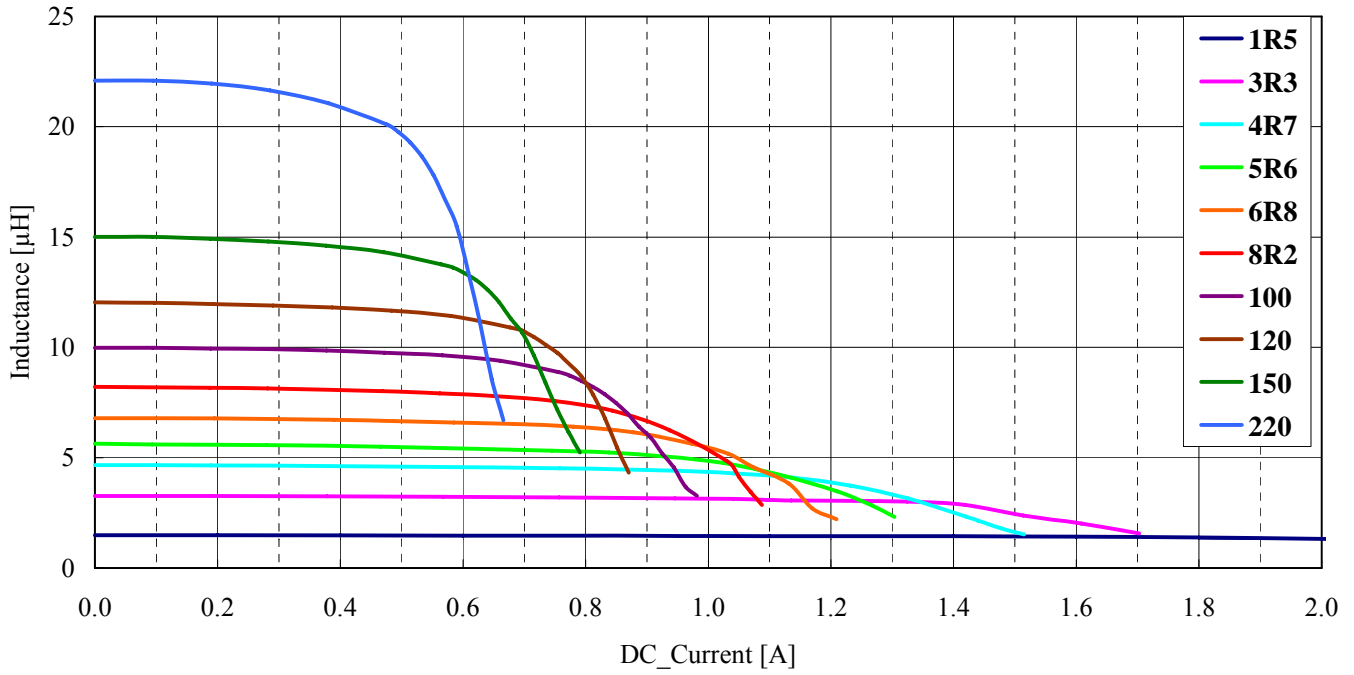
Part No.	stamp	Inductance (μH)	Tolerance	Resistance ($\text{m}\Omega$ typ.)	Max. DCR ($\text{m}\Omega$)	DC Superimposition current *1 (A)	Temperature rise current *2 (A)
SNFC0415P-1R5F	1R	1.5	$\pm 30\%$	53	70	2.33	2.35
SNFC0415P-3R3F	3R	3.3	$\pm 30\%$	100	130	1.53	1.68
SNFC0415P-4R7F	4R	4.7	$\pm 30\%$	150	195	1.30	1.36
SNFC0415P-5R6F	5R	5.6	$\pm 30\%$	165	210	1.15	1.31
SNFC0415P-6R8F	6R	6.8	$\pm 30\%$	238	305	1.06	1.08
SNFC0415P-8R2F	8R	8.2	$\pm 30\%$	258	330	0.97	1.04
SNFC0415P-100F	10	10	$\pm 20\%$	288	370	0.87	0.98
SNFC0415P-120F	12	12	$\pm 20\%$	388	500	0.80	0.84
SNFC0415P-150F	15	15	$\pm 20\%$	557	715	0.70	0.71
SNFC0415P-220F	22	22	$\pm 20\%$	683	880	0.59	0.63

*1: DC_current based upon 30% inductance reduction from the initial value.

*2: DC_current based upon 35°C temperature rise.

*3: Coil operation temperature is $-25^{\circ}\text{C} \sim 120^{\circ}\text{C}$ (includes temperature when the coil is heated)

DC Superimposition Characteristics



Temperature Rising Characteristics

