

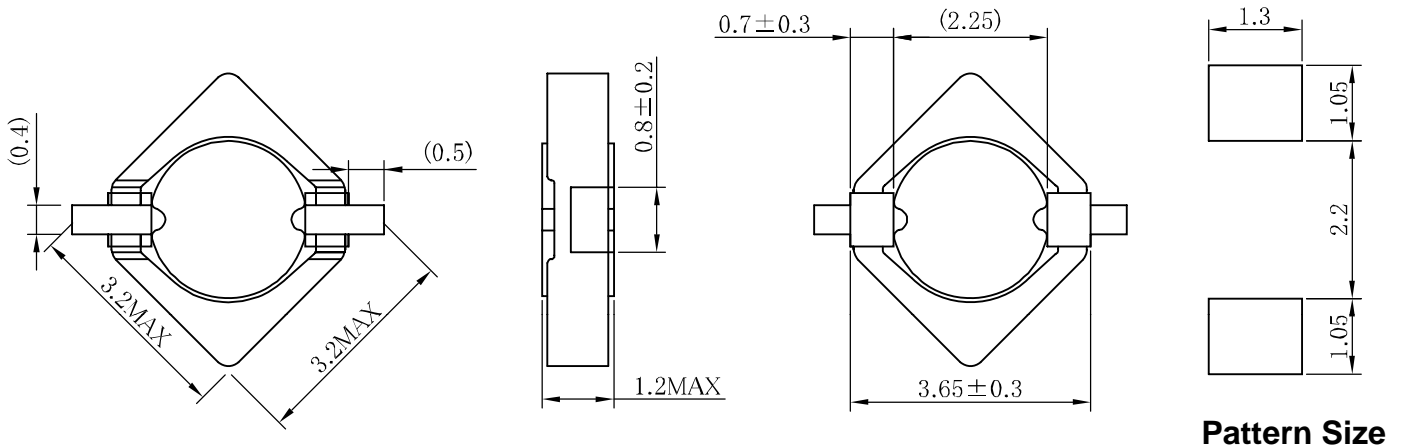
SNFC 0312P Series

Shield Type Ni-Zn Ferrite Choke Coils

Dimensions

www.datasheet4u.com

3.2 (W) × 3.2(D) × 1.2 (H) (mm)



Features

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

Ordering

SNFC 0312 P - 100 F

Material
Inductance 100: 10μH
Type
Size 03: ◇3.0 mm
12: height 1.2mm
Series

Specification

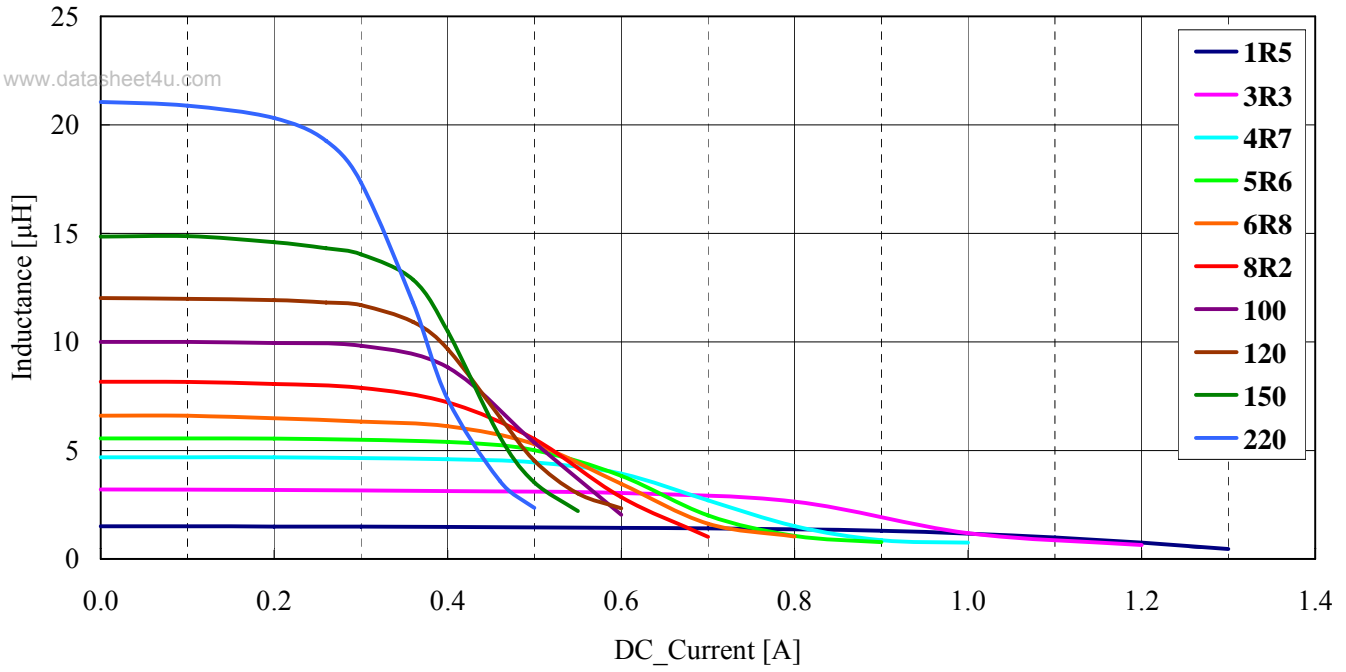
www.datasheet4u.com Part No.	stamp	Inductance (μ H)	Tolerance	Resistance (Ω typ.)	Max. DCR (Ω)	DC Superimposition current *1 (A)	Temperature rise current *2 (A)
SNFC0312P-1R5F	1R	1.5	$\pm 30\%$	0.10	0.14	1.08	1.40
SNFC0312P-3R3F	3R	3.3	$\pm 30\%$	0.19	0.24	0.86	1.00
SNFC0312P-4R7F	4R	4.7	$\pm 30\%$	0.24	0.29	0.66	0.94
SNFC0312P-5R6F	5R	5.6	$\pm 30\%$	0.31	0.37	0.60	0.82
SNFC0312P-6R8F	6R	6.8	$\pm 30\%$	0.34	0.41	0.54	0.79
SNFC0312P-8R2F	8R	8.2	$\pm 30\%$	0.39	0.47	0.48	0.75
SNFC0312P-100F	10	10	$\pm 20\%$	0.44	0.57	0.46	0.64
SNFC0312P-120F	12	12	$\pm 20\%$	0.60	0.76	0.43	0.59
SNFC0312P-150F	15	15	$\pm 20\%$	0.71	0.85	0.40	0.51
SNFC0312P-220F	22	22	$\pm 20\%$	1.14	1.40	0.33	0.41

*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

