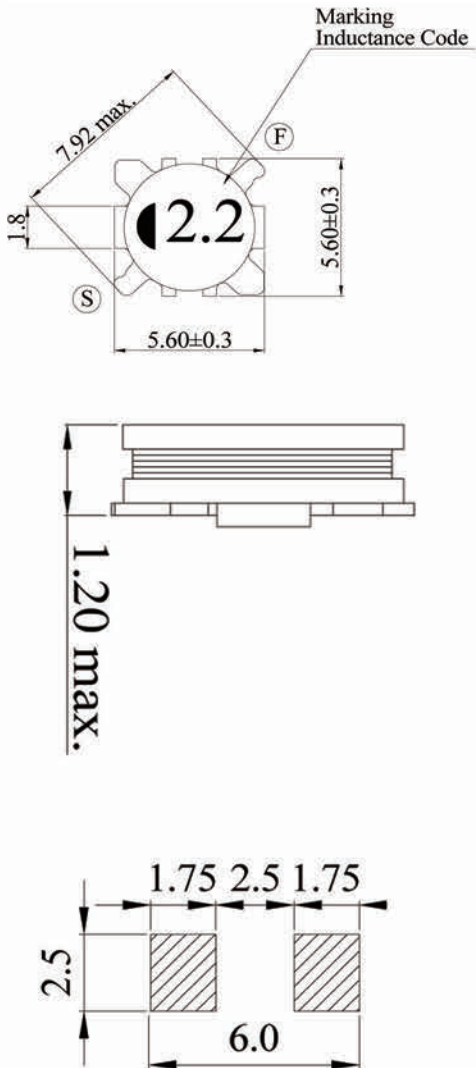




【YC5412-SERIES】

DIMENSIONS & RECOMMENDED



Unit: mm

※ FEATURES

- Applications : DC to DC converters for cellular phone, LCD driver circuit

SELECTION GUIDE FOR STANDARD COILS

SDE Part Number	Inductance (μH)	Tolerance (%)	DC Resistance (Ω) ±20%	Inductance Decrease Current (A) Max	Temperature Rise Current (A) Max
YC5412 - 2R2M	2.2	± 20%	0.072	1.40	1.95
YC5412 - 3R3M	3.3	± 20%	0.086	1.18	1.85
YC5412 - 4R7M	4.7	± 20%	0.119	0.90	1.60
YC5412 - 6R8M	6.8	± 20%	0.166	0.73	1.35
YC5412 - 100M	10.0	± 20%	0.230	0.62	1.12
YC5412 - 150M	15.0	± 20%	0.340	0.50	0.90
YC5412 - 220M	22.0	± 20%	0.459	0.41	0.80
YC5412 - 330M	33.0	± 20%	0.640	0.39	0.68
YC5412 - 470M	47.0	± 20%	0.899	0.32	0.55
YC5412 - 680M	68.0	± 20%	1.413	0.27	0.41
YC5412 - 101M	100.0	± 20%	2.158	0.22	0.33
YC5412 - 221M	220.0	± 20%	4.687	0.15	0.23
YC5412 - 331M	330.0	± 20%	7.144	0.12	0.18
YC5412 - 471M	470.0	± 20%	9.400	0.10	0.16
YC5412 - 681M	680.0	± 20%	12.542	0.09	0.14
YC5412 - 102M	1000.0	± 20%	21.975	0.09	0.10

※ Marking : Inductance Code

※ GENERAL SPECIFICATION:

- $|\Delta L/L_{0A}| \leq 10\%$, $\Delta L = L_{IDC} - L_{0A}$
or $\Delta T \leq 40^\circ\text{C}$ rise at IDC.
- Operating temperature : $-40^\circ\text{C} \sim +85^\circ\text{C}$
- Resistance to solder heat : 260°C , 10 SEC.
- Test Freq. : 100KHz / 0.1V.