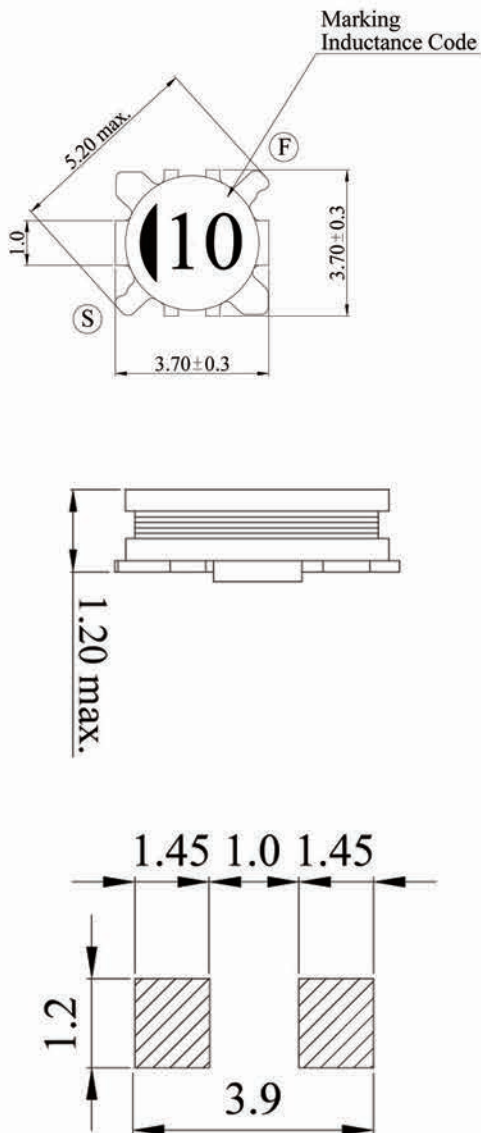




【YC3512-SERIES】

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	Tolerance	DC Resistance	Inductance Decrease Current	Temperature Rise Current
	(μH)	(%)	(Ω)±20%	(A) Max	(A) Max
YC3512 - 2R2M	2.2	± 20%	0.095	1.00	1.65
YC3512 - 3R3M	3.3	± 20%	0.141	0.90	1.40
YC3512 - 4R7M	4.7	± 20%	0.198	0.80	1.10
YC3512 - 5R6M	5.6	± 20%	0.221	0.78	0.98
YC3512 - 6R8M	6.8	± 20%	0.261	0.70	0.93
YC3512 - 100M	10.0	± 20%	0.378	0.55	0.75
YC3512 - 150M	15.0	± 20%	0.596	0.50	0.59
YC3512 - 220M	22.0	± 20%	0.749	0.40	0.54
YC3512 - 470M	47.0	± 20%	1.763	0.20	0.35
YC3512 - 101M	100.0	± 20%	3.837	0.22	0.24
YC3512 - 221M	220.0	± 20%	8.633	0.15	0.15

※ 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.