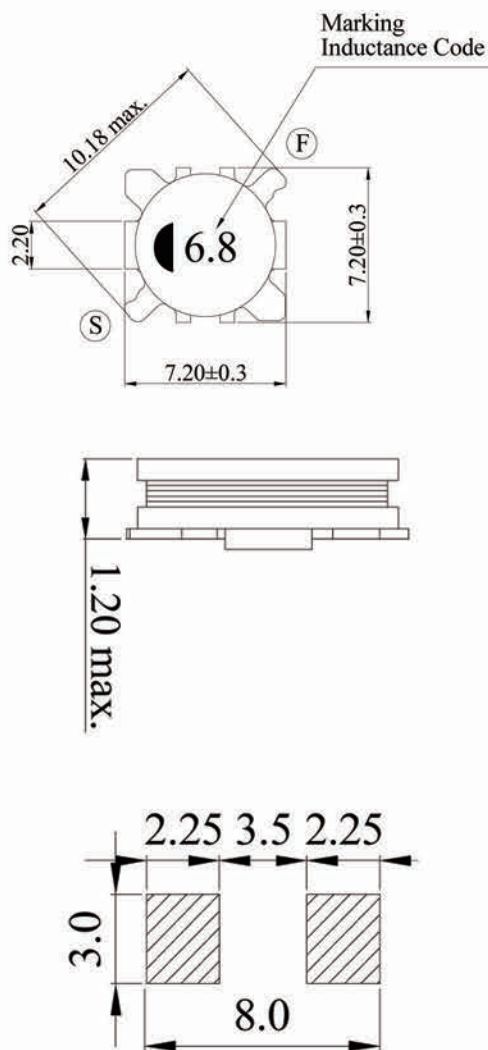




【YC7012-SERIES】

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
YC7012-4R7M	4.7	±20%	0.130	1.42	1.60
YC7012-6R8M	6.8	±20%	0.169	1.11	1.32
YC7012-100M	10.0	±20%	0.202	0.95	0.97
YC7012-150M	15.0	±20%	0.343	0.75	0.90
YC7012-220M	22.0	±20%	0.488	0.60	0.75
YC7012-330M	33.0	±20%	0.711	0.50	0.57
YC7012-470M	47.0	±20%	0.872	0.45	0.54

※ 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.