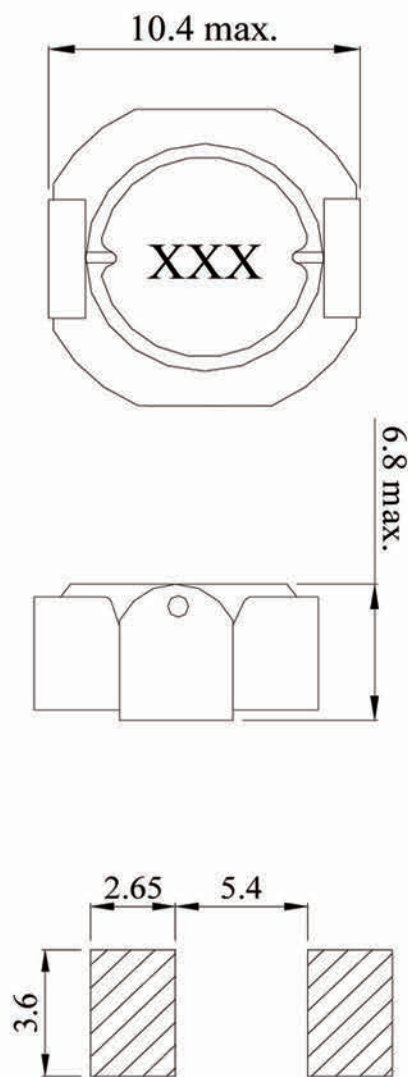




【YCR106C2-SERIES】

DIMENSIONS & RECOMMENDED



Unit: mm

※ FEATURES

- Applications : DC to DC converters for inductor application, scanner

SELECTION GUIDE FOR STANDARD COILS

SDE Part Number	Inductance	Tolerance	DC Resistance	Inductance Decrease Current	Temperature Rise Current
	(μ H)	(%)	(Ω) Max	(A) Max	(A) Max
YCR106C2 - 1R2N	1.2	$\pm 30\%$	0.011	12.00	7.20
YCR106C2 - 1R8N	1.8	$\pm 30\%$	0.014	9.80	6.70
YCR106C2 - 2R7N	2.7	$\pm 30\%$	0.015	8.10	6.10
YCR106C2 - 3R9N	3.9	$\pm 30\%$	0.017	7.10	5.60
YCR106C2 - 4R7N	4.7	$\pm 30\%$	0.018	6.10	5.40
YCR106C2 - 6R8N	6.8	$\pm 30\%$	0.021	5.20	5.00
YCR106C2 - 8R2N	8.2	$\pm 30\%$	0.024	4.80	4.60
YCR106C2 - 100M	10.0	$\pm 20\%$	0.028	4.40	4.30
YCR106C2 - 160M	16.0	$\pm 20\%$	0.060	3.30	2.70
YCR106C2 - 220M	22.0	$\pm 20\%$	0.065	2.70	2.50
YCR106C2 - 330M	33.0	$\pm 20\%$	0.083	2.10	2.20
YCR106C2 - 470M	47.0	$\pm 20\%$	0.120	1.80	1.80
YCR106C2 - 680M	68.0	$\pm 20\%$	0.190	1.40	1.40
YCR106C2 - 101M	100.0	$\pm 20\%$	0.255	1.20	1.20
YCR106C2 - 151M	150.0	$\pm 20\%$	0.385	1.00	0.97
YCR106C2 - 221M	220.0	$\pm 20\%$	0.610	0.84	0.76
YCR106C2 - 331M	330.0	$\pm 20\%$	0.760	0.69	0.68

※ GENERAL SPECIFICATION:

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