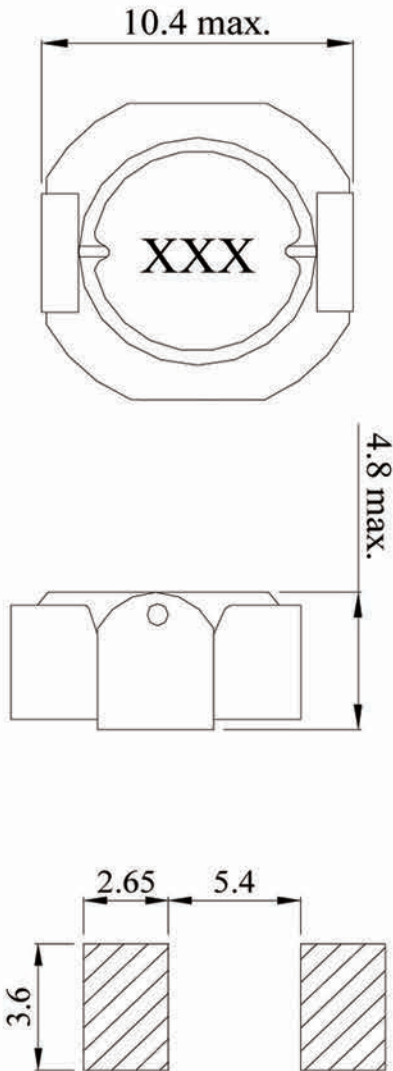




【YCR104C2-SERIES】

DIMENSIONS & RECOMMENDED



Unit: mm

※ FEATURES

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

SELECTION GUIDE FOR STANDARD COILS

SDE Part Number	Inductance (μH)	Tolerance (%)	DC Resistance (Ω) Max	Inductance Decrease Current (A) Max	Temperature Rise Current (A) Max
YCR104C2 - 1R1N	1.1	± 30%	0.011	11.70	6.00
YCR104C2 - 1R8N	1.8	± 30%	0.014	8.70	5.40
YCR104C2 - 2R7N	2.7	± 30%	0.016	7.30	4.90
YCR104C2 - 3R9N	3.9	± 30%	0.018	5.80	4.60
YCR104C2 - 5R1N	5.1	± 30%	0.026	4.90	3.80
YCR104C2 - 6R8N	6.8	± 30%	0.035	4.50	3.10
YCR104C2 - 8R2N	8.2	± 30%	0.040	4.10	2.90
YCR104C2 - 100M	10.0	± 20%	0.044	3.60	2.70
YCR104C2 - 120M	12.0	± 20%	0.051	3.30	2.50
YCR104C2 - 150M	15.0	± 20%	0.062	3.10	2.30
YCR104C2 - 180M	18.0	± 20%	0.079	2.70	2.00
YCR104C2 - 220M	22.0	± 20%	0.087	2.40	1.90
YCR104C2 - 270M	27.0	± 20%	0.100	2.20	1.80
YCR104C2 - 330M	33.0	± 20%	0.125	2.00	1.60
YCR104C2 - 390M	39.0	± 20%	0.150	1.80	1.40
YCR104C2 - 470M	47.0	± 20%	0.175	1.70	1.30
YCR104C2 - 560M	56.0	± 20%	0.195	1.50	1.20
YCR104C2 - 680M	68.0	± 20%	0.240	1.30	1.10
YCR104C2 - 820M	82.0	± 20%	0.295	1.20	1.00
YCR104C2 - 101M	100.0	± 20%	0.380	1.10	0.90
YCR104C2 - 121M	120.0	± 20%	0.460	0.97	0.80

※ 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.