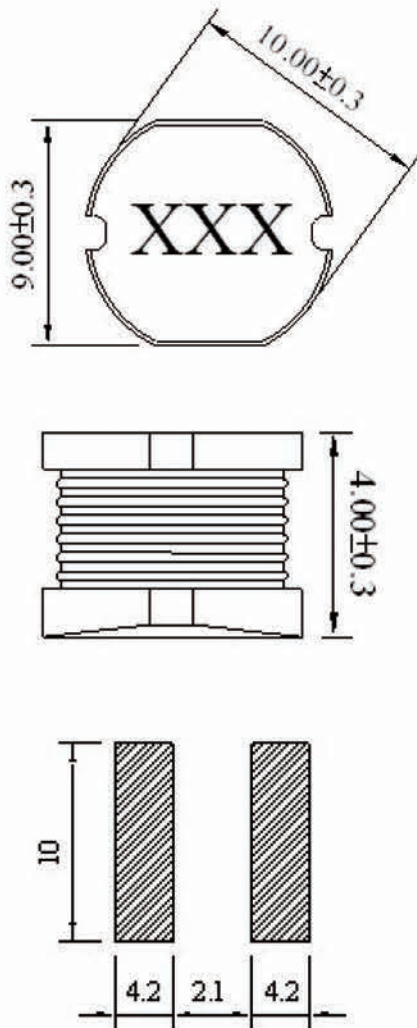




【YC1040D1M-SERIES】

DIMENSIONS & RECOMMENDED



Unit: mm

SELECTION GUIDE FOR STANDARD COILS

SDE Part Number	Inductance (μH)	Tolerance (%)	DC Resistance (Ω) Max	Inductance Decrease Current (A) Max
YC1040D1M - 100M	10.0	± 20%	0.050	2.38
YC1040D1M - 120M	12.0	± 20%	0.060	2.13
YC1040D1M - 150M	15.0	± 20%	0.070	1.87
YC1040D1M - 180M	18.0	± 20%	0.080	1.73
YC1040D1M - 220M	22.0	± 20%	0.090	1.60
YC1040D1M - 270M	27.0	± 20%	0.100	1.44
YC1040D1M - 330M	33.0	± 20%	0.120	1.26
YC1040D1M - 390M	39.0	± 20%	0.150	1.20
YC1040D1M - 470M	47.0	± 20%	0.170	1.10
YC1040D1M - 560M	56.0	± 20%	0.200	1.01
YC1040D1M - 680M	68.0	± 20%	0.220	0.91
YC1040D1M - 820M	82.0	± 20%	0.250	0.85
YC1040D1M - 101M	100.0	± 20%	0.340	0.74
YC1040D1M - 121M	120.0	± 20%	0.400	0.69
YC1040D1M - 151M	150.0	± 20%	0.540	0.61
YC1040D1M - 181M	180.0	± 20%	0.620	0.56
YC1040D1M - 221M	220.0	± 20%	0.720	0.53
YC1040D1M - 271M	270.0	± 20%	0.950	0.45
YC1040D1M - 331M	330.0	± 20%	1.100	0.42
YC1040D1M - 391M	390.0	± 20%	1.240	0.38
YC1040D1M - 471M	470.0	± 20%	1.530	0.35
YC1040D1M - 561M	560.0	± 20%	1.900	0.32

※ Marking : Inductance Code

※ GENERAL SPECIFICATION:

- Inductance drop $\leq 10\%$ typ. at IDC.
- $\Delta T = 40^\circ\text{C}$ rise at IDC. (at 25°C)
- Operating Temp. : $-40^\circ\text{C} \sim +85^\circ\text{C}$
- Resistance to solder heat : 260°C , 10 SEC.
- Test Freq. : $10\mu\text{H} \sim 82\mu\text{H}$ -2.52MHz ; $100\mu\text{H} \sim 560\mu\text{H}$ -1KHz.

※ FEATURES

- Applications : DC to DC converters for VTR, OA equipment, LCD television set, notebook, portable communication equipment