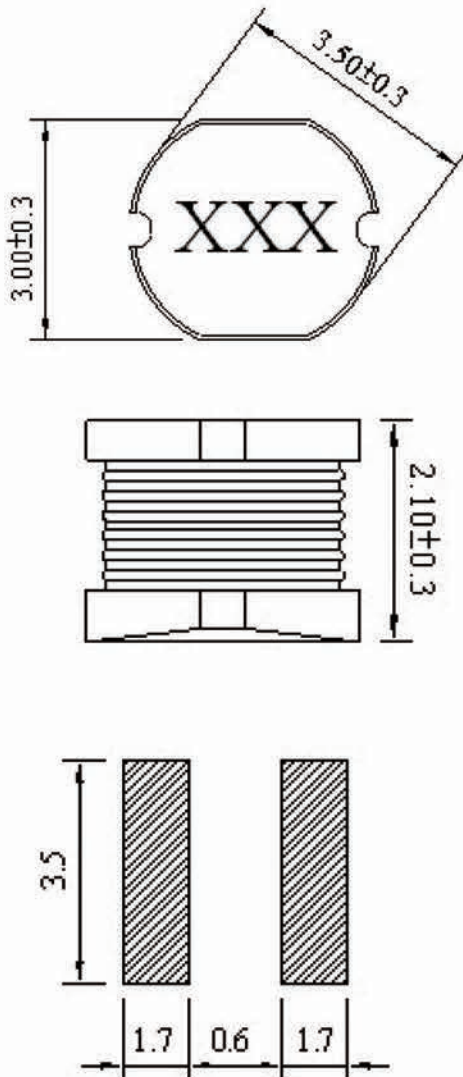




【YC3521D1M-SERIES】

DIMENSIONS & RECOMMENDED



Unit: mm

SELECTION GUIDE FOR STANDARD COILS

SDE Part Number	Inductance (μH)	Tolerance (%)	DC Resistance (Ω) Max	Inductance Decrease Current (A) Max
YC3521D1M - 100M	10.0	± 20%	0.23	0.760
YC3521D1M - 120M	12.0	± 20%	0.27	0.685
YC3521D1M - 150M	15.0	± 20%	0.31	0.635
YC3521D1M - 180M	18.0	± 20%	0.41	0.525
YC3521D1M - 220M	22.0	± 20%	0.47	0.500
YC3521D1M - 270M	27.0	± 20%	0.66	0.405
YC3521D1M - 330M	33.0	± 20%	0.76	0.380
YC3521D1M - 390M	39.0	± 20%	0.85	0.355
YC3521D1M - 470M	47.0	± 20%	0.97	0.330
YC3521D1M - 560M	56.0	± 20%	1.25	0.290
YC3521D1M - 680M	68.0	± 20%	1.45	0.275
YC3521D1M - 820M	82.0	± 20%	1.85	0.235
YC3521D1M - 101M	100.0	± 20%	2.20	0.220
YC3521D1M - 121M	120.0	± 20%	2.90	0.185
YC3521D1M - 151M	150.0	± 20%	3.40	0.170
YC3521D1M - 181M	180.0	± 20%	3.90	0.165
YC3521D1M - 221M	220.0	± 20%	4.50	0.155
YC3521D1M - 271M	270.0	± 20%	6.00	0.135
YC3521D1M - 331M	330.0	± 20%	7.00	0.125
YC3521D1M - 391M	390.0	± 20%	7.80	0.115

※ FEATURES

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

※ 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. : $10\mu\text{H} \sim 82\mu\text{H} \sim 2.52\text{MHz}$; $100\mu\text{H} \sim 560\mu\text{H} \sim 1\text{KHz}$.