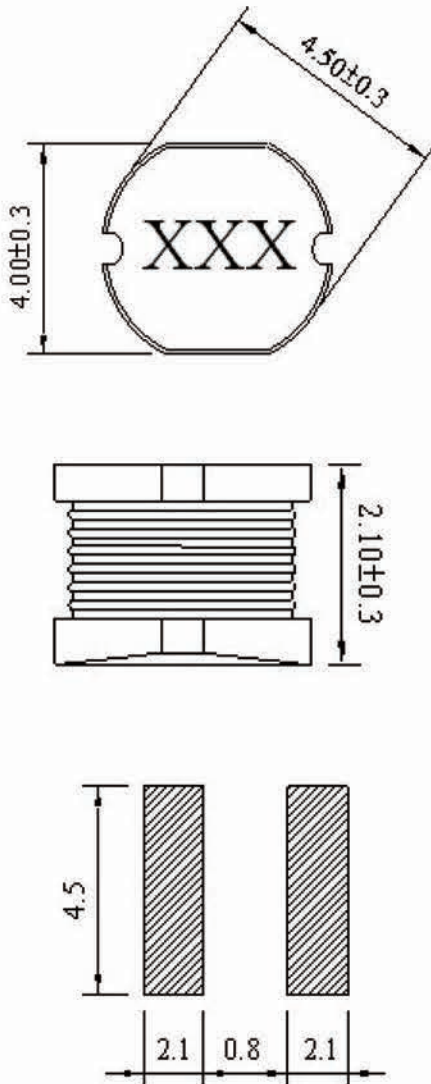




【YC4521D1M-SERIES】

DIMENSIONS & RECOMMENDED



Unit: mm

SELECTION GUIDE FOR STANDARD COILS

SDE Part Number	Inductance (μH)	Tolerance (%)	DC Resistance (Ω) Max	Inductance Decrease Current (A) Max
YC4521D1M - 1R0M	1.0	± 20%	0.043	2.70
YC4521D1M - 1R4M	1.4	± 20%	0.048	2.55
YC4521D1M - 1R8M	1.8	± 20%	0.052	2.20
YC4521D1M - 2R2M	2.2	± 20%	0.058	2.00
YC4521D1M - 2R7M	2.7	± 20%	0.065	1.80
YC4521D1M - 3R3M	3.3	± 20%	0.080	1.60
YC4521D1M - 3R9M	3.9	± 20%	0.089	1.45
YC4521D1M - 4R7M	4.7	± 20%	0.109	1.35
YC4521D1M - 5R6M	5.6	± 20%	0.137	1.22
YC4521D1M - 6R8M	6.8	± 20%	0.159	1.10
YC4521D1M - 8R2M	8.2	± 20%	0.197	1.05
YC4521D1M - 100M	10.0	± 20%	0.216	0.95
YC4521D1M - 120M	12.0	± 20%	0.256	0.85
YC4521D1M - 150M	15.0	± 20%	0.320	0.78
YC4521D1M - 180M	18.0	± 20%	0.395	0.73
YC4521D1M - 220M	22.0	± 20%	0.459	0.67
YC4521D1M - 270M	27.0	± 20%	0.627	0.60
YC4521D1M - 330M	33.0	± 20%	0.650	0.55
YC4521D1M - 390M	39.0	± 20%	0.740	0.51
YC4521D1M - 470M	47.0	± 20%	0.850	0.48
YC4521D1M - 560M	56.0	± 20%	1.109	0.44
YC4521D1M - 680M	68.0	± 20%	1.290	0.39
YC4521D1M - 820M	82.0	± 20%	1.705	0.36

※ 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 : $260^\circ\text{C} \cdot 10 \text{ SEC.}$
- Test Freq. : $1.0\mu\text{H} \sim 8.2\mu\text{H} \sim 7.96\text{MHz}$; $10\mu\text{H} \sim 82\mu\text{H} \sim 2.52\text{MHz}$