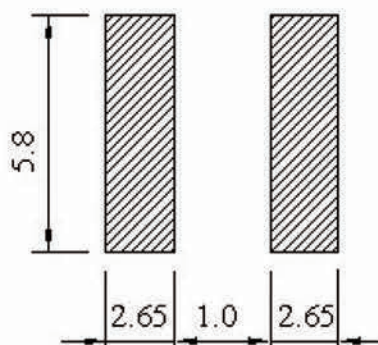
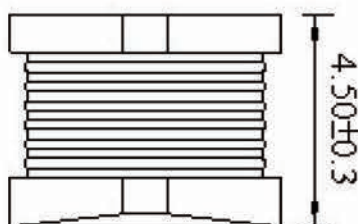
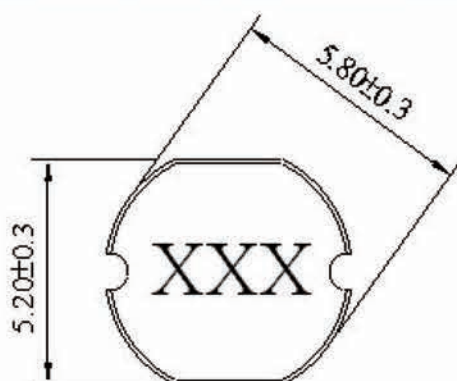




【YC5845D1M-SERIES】

DIMENSIONS & RECOMMENDED



Unit: mm

SELECTION GUIDE FOR STANDARD COILS

SDE Part Number	Inductance (μH)	Tolerance (%)	DC Resistance (Ω) Max	Inductance Decrease Current (A) Max
YC5845D1M - 1R0M	1.0	± 20%	0.015	5.90
YC5845D1M - 1R5M	1.5	± 20%	0.025	4.70
YC5845D1M - 2R2M	2.2	± 20%	0.035	3.80
YC5845D1M - 3R3M	3.3	± 20%	0.045	3.30
YC5845D1M - 4R7M	4.7	± 20%	0.060	2.80
YC5845D1M - 5R6M	5.6	± 20%	0.070	2.40
YC5845D1M - 6R8M	6.8	± 20%	0.080	2.10
YC5845D1M - 8R2M	8.2	± 20%	0.090	2.00
YC5845D1M - 100M	10.0	± 20%	0.100	1.44
YC5845D1M - 120M	12.0	± 20%	0.120	1.40
YC5845D1M - 150M	15.0	± 20%	0.140	1.30
YC5845D1M - 180M	18.0	± 20%	0.150	1.23
YC5845D1M - 220M	22.0	± 20%	0.180	1.11
YC5845D1M - 270M	27.0	± 20%	0.200	0.97
YC5845D1M - 330M	33.0	± 20%	0.230	0.88
YC5845D1M - 390M	39.0	± 20%	0.320	0.80
YC5845D1M - 470M	47.0	± 20%	0.370	0.72
YC5845D1M - 560M	56.0	± 20%	0.420	0.68
YC5845D1M - 680M	68.0	± 20%	0.460	0.61
YC5845D1M - 820M	82.0	± 20%	0.600	0.58
YC5845D1M - 101M	100.0	± 20%	0.700	0.52
YC5845D1M - 121M	120.0	± 20%	0.930	0.48
YC5845D1M - 151M	150.0	± 20%	1.100	0.40
YC5845D1M - 181M	180.0	± 20%	1.380	0.38
YC5845D1M - 221M	220.0	± 20%	1.570	0.35
YC5845D1M - 331M	330.0	± 20%	1.700	0.28
YC5845D1M - 471M	470.0	± 20%	2.300	0.23
YC5845D1M - 561M	560.0	± 20%	2.500	0.20
YC5845D1M - 681M	680.0	± 20%	3.000	0.19
YC5845D1M - 821M	820.0	± 20%	4.500	0.16
YC5845D1M - 102M	1000.0	± 20%	4.800	0.14

※ 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. : $1.0\mu\text{H} \sim 8.2\mu\text{H}$ -7.96MHz ; $10\mu\text{H} \sim 82\mu\text{H}$ -2.52MHz ; $100\mu\text{H} \sim 1000\mu\text{H}$ -1KHz