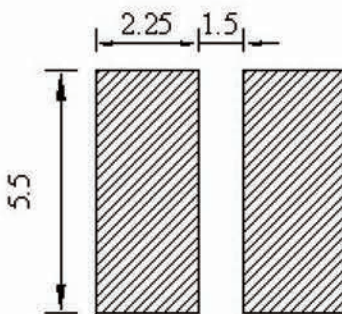
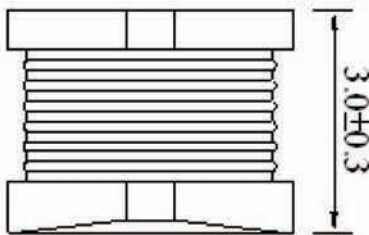
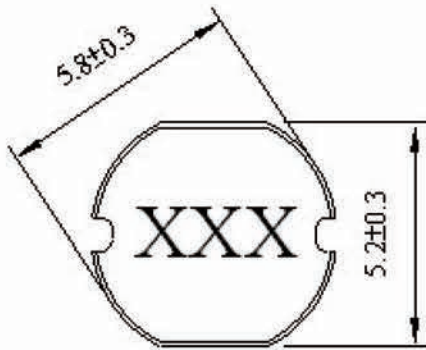




【YC5830D1M-SERIES】

DIMENSIONS & RECOMMENDED



Unit: mm

SELECTION GUIDE FOR STANDARD COILS

SDE Part Number	Inductance (μH)	Tolerance (%)	DC Resistance (Ω) Max	Inductance Decrease Current (A) Max
YC5830D1M - 1R0M	1.0	± 20%	0.03	4.50
YC5830D1M - 1R2M	1.2	± 20%	0.03	4.20
YC5830D1M - 1R5M	1.5	± 20%	0.03	4.10
YC5830D1M - 1R8M	1.8	± 20%	0.03	3.70
YC5830D1M - 2R2M	2.2	± 20%	0.03	3.50
YC5830D1M - 2R7M	2.7	± 20%	0.04	3.20
YC5830D1M - 3R3M	3.3	± 20%	0.05	2.80
YC5830D1M - 3R9M	3.9	± 20%	0.06	2.60
YC5830D1M - 4R7M	4.7	± 20%	0.07	2.50
YC5830D1M - 5R6M	5.6	± 20%	0.08	2.40
YC5830D1M - 6R8M	6.8	± 20%	0.09	2.20
YC5830D1M - 8R2M	8.2	± 20%	0.10	2.00
YC5830D1M - 100M	10.0	± 20%	0.12	1.80
YC5830D1M - 120M	12.0	± 20%	0.13	1.75
YC5830D1M - 150M	15.0	± 20%	0.15	1.70
YC5830D1M - 180M	18.0	± 20%	0.18	1.60
YC5830D1M - 220M	22.0	± 20%	0.22	1.50
YC5830D1M - 270M	27.0	± 20%	0.24	1.40
YC5830D1M - 330M	33.0	± 20%	0.30	1.10
YC5830D1M - 390M	39.0	± 20%	0.40	1.00
YC5830D1M - 470M	47.0	± 20%	0.43	0.90
YC5830D1M - 560M	56.0	± 20%	0.50	0.85
YC5830D1M - 680M	68.0	± 20%	0.60	0.80
YC5830D1M - 820M	82.0	± 20%	0.80	0.65
YC5830D1M - 101M	100.0	± 20%	0.90	0.60
YC5830D1M - 121M	120.0	± 20%	1.00	0.58
YC5830D1M - 151M	150.0	± 20%	1.30	0.43
YC5830D1M - 181M	180.0	± 20%	1.50	0.41
YC5830D1M - 221M	220.0	± 20%	2.00	0.38
YC5830D1M - 271M	270.0	± 20%	2.50	0.35
YC5830D1M - 331M	330.0	± 20%	3.20	0.28
YC5830D1M - 391M	390.0	± 20%	3.50	0.26
YC5830D1M - 471M	470.0	± 20%	4.20	0.20
YC5830D1M - 561M	560.0	± 20%	4.50	0.19
YC5830D1M - 681M	680.0	± 20%	6.00	0.18
YC5830D1M - 821M	820.0	± 20%	6.50	0.15
YC5830D1M - 102M	1000.0	± 20%	8.00	0.13

※ FEATURES

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

※ Marking : Inductance Code

※ GENERAL SPECIFICATION:

- Inductance drop = 10% typ. at IDC.
- Operating Temp. : -40°C ~ +85°C
- Test Freq. : 1.0μH~8.2μH-7.96MHz ; 10μH~82μH-2.52MHz ; 100μH~1000μH-1KHz