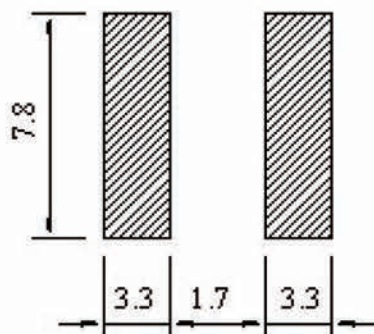
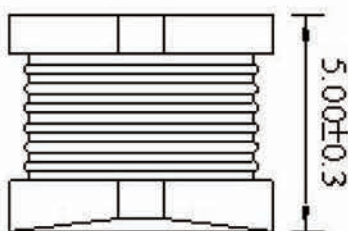
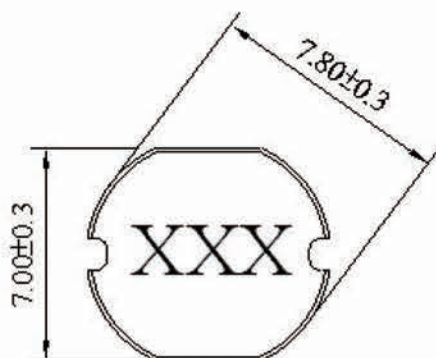




【YC7850D1M-SERIES】

DIMENSIONS & RECOMMENDED



Unit: mm

SELECTION GUIDE FOR STANDARD COILS

SDE Part Number	Inductance	Tolerance	DC Resistance	Inductance Decrease Current
	(μ H)	(%)	(Ω) Max	(A) Max
YC7850D1M - 100M	10.0	$\pm 20\%$	0.070	2.30
YC7850D1M - 120M	12.0	$\pm 20\%$	0.080	2.00
YC7850D1M - 150M	15.0	$\pm 20\%$	0.090	1.80
YC7850D1M - 180M	18.0	$\pm 20\%$	0.100	1.60
YC7850D1M - 220M	22.0	$\pm 20\%$	0.110	1.50
YC7850D1M - 270M	27.0	$\pm 20\%$	0.120	1.30
YC7850D1M - 330M	33.0	$\pm 20\%$	0.130	1.20
YC7850D1M - 390M	39.0	$\pm 20\%$	0.160	1.10
YC7850D1M - 470M	47.0	$\pm 20\%$	0.180	1.10
YC7850D1M - 560M	56.0	$\pm 20\%$	0.240	0.94
YC7850D1M - 680M	68.0	$\pm 20\%$	0.280	0.85
YC7850D1M - 820M	82.0	$\pm 20\%$	0.370	0.78
YC7850D1M - 101M	100.0	$\pm 20\%$	0.430	0.72
YC7850D1M - 121M	120.0	$\pm 20\%$	0.470	0.66
YC7850D1M - 151M	150.0	$\pm 20\%$	0.640	0.58
YC7850D1M - 181M	180.0	$\pm 20\%$	0.710	0.51
YC7850D1M - 221M	220.0	$\pm 20\%$	0.960	0.49
YC7850D1M - 271M	270.0	$\pm 20\%$	1.110	0.42
YC7850D1M - 331M	330.0	$\pm 20\%$	1.260	0.40
YC7850D1M - 391M	390.0	$\pm 20\%$	1.770	0.36
YC7850D1M - 471M	470.0	$\pm 20\%$	1.960	0.34

※ 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. : $1.0\mu\text{H} \sim 8.2\mu\text{H} \sim 7.96\text{MHz}$; $10\mu\text{H} \sim 82\mu\text{H} \sim 2.52\text{MHz}$; $100\mu\text{H} \sim 470\mu\text{H} \sim 1\text{KHz}$.