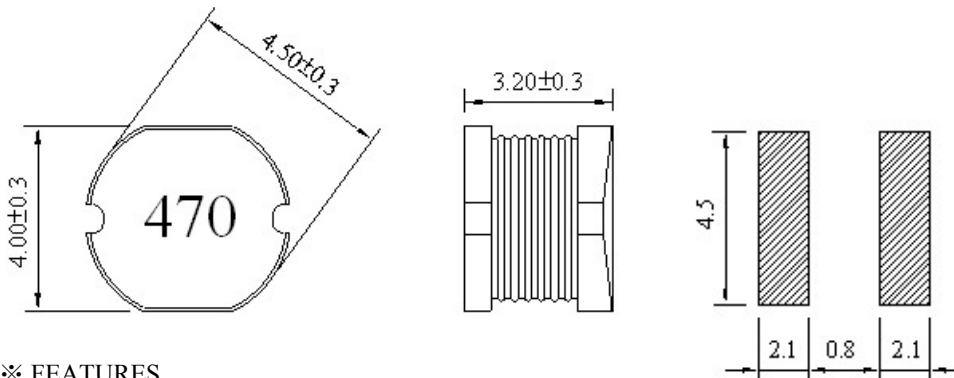


【SD4532D1M-SERIES】

DIMENSIONS & RECOMMENDED PATTERN



Unit: mm

※ FEATURES

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

SELECTION GUIDE FOR STANDARD COILS

SDE Part Number	Inductance	Tolerance	DC Resistance	Inductance Decrease Current
	(μ H)	(%)	(Ω) Max	(A) Max
SD4532D1M - 1R0M	1.0	$\pm 20\%$	0.033	3.80
SD4532D1M - 1R4M	1.4	$\pm 20\%$	0.038	3.30
SD4532D1M - 1R8M	1.8	$\pm 20\%$	0.042	2.91
SD4532D1M - 2R2M	2.2	$\pm 20\%$	0.047	2.60
SD4532D1M - 2R7M	2.7	$\pm 20\%$	0.052	2.43
SD4532D1M - 3R3M	3.3	$\pm 20\%$	0.058	2.15
SD4532D1M - 3R9M	3.9	$\pm 20\%$	0.076	1.98
SD4532D1M - 4R7M	4.7	$\pm 20\%$	0.094	1.70
SD4532D1M - 5R6M	5.6	$\pm 20\%$	0.101	1.60
SD4532D1M - 6R8M	6.8	$\pm 20\%$	0.117	1.41
SD4532D1M - 8R2M	8.2	$\pm 20\%$	0.132	1.26
SD4532D1M - 100M	10.0	$\pm 20\%$	0.182	1.15
SD4532D1M - 120M	12.0	$\pm 20\%$	0.210	1.05
SD4532D1M - 150M	15.0	$\pm 20\%$	0.235	0.92
SD4532D1M - 180M	18.0	$\pm 20\%$	0.338	0.84
SD4532D1M - 220M	22.0	$\pm 20\%$	0.378	0.76
SD4532D1M - 270M	27.0	$\pm 20\%$	0.522	0.71
SD4532D1M - 330M	33.0	$\pm 20\%$	0.540	0.64
SD4532D1M - 390M	39.0	$\pm 20\%$	0.587	0.59
SD4532D1M - 470M	47.0	$\pm 20\%$	0.844	0.54
SD4532D1M - 560M	56.0	$\pm 20\%$	0.937	0.50

【SD4532D1M-SERIES】

SELECTION GUIDE FOR STANDARD COILS

SDE Part Number	Inductance	Tolerance	DC Resistance	Inductance Decrease Current
	(μ H)	(%)	(Ω) Max	(A) Max
SD4532D1M - 680M	68.0	$\pm 20\%$	1.117	0.48
SD4532D1M - 820M	82.0	$\pm 20\%$	1.200	0.46
SD4532D1M - 101M	100.0	$\pm 20\%$	1.520	0.44
SD4532D1M - 121M	120.0	$\pm 20\%$	1.800	0.43
SD4532D1M - 151M	150.0	$\pm 20\%$	1.950	0.30
SD4532D1M - 181M	180.0	$\pm 20\%$	3.200	0.38
SD4532D1M - 221M	220.0	$\pm 20\%$	3.000	0.25
SD4532D1M - 331M	330.0	$\pm 20\%$	5.300	0.28
SD4532D1M - 391M	390.0	$\pm 20\%$	5.900	0.24
SD4532D1M - 471M	470.0	$\pm 20\%$	6.800	0.21
SD4532D1M - 561M	560.0	$\pm 20\%$	8.000	0.20
SD4532D1M - 681M	680.0	$\pm 20\%$	8.400	0.19

※ Marking : Inductance Code

※ GENERAL SPECIFICATION:

- a. Inductance drop $\leq 10\%$ typ. at IDC.
- b. $\Delta T = 40^\circ\text{C}$ rise at IDC. (at 25°C)
- c. Operating Temp. : $-40^\circ\text{C} \sim +85^\circ\text{C}$
- d. Resistance to solder heat : $260^\circ\text{C} \cdot 10 \text{ SEC.}$
- e. Test Freq. : $1.0\mu\text{H} \sim 8.2\mu\text{H} - 7.96\text{MHz}$; $10\mu\text{H} \sim 82\mu\text{H} - 2.52\text{MHz}$; $100\mu\text{H} \sim 680\mu\text{H} - 1\text{KHz}$.