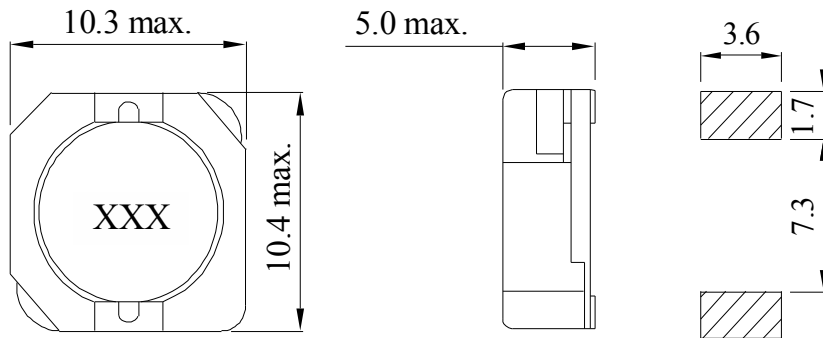


【GSRHC105R-SERIES】

DIMENSIONS & RECOMMENDED PATTERN

Land Pattern



Unit: mm

※ FEATURES

- Applications : DC to DC converters for transformers, LCD TV, notebook, VCR camera

SELECTION GUIDE FOR STANDARD COILS

GENERIC Part Number	Inductance	Tolerance	DC Resistance	Inductance Decrease Current
	(μ H)	(%)	(Ω) Max	(A) Max
GSRHC105R - 100M	10.0	$\pm 20\%$	0.0258	3.45
GSRHC105R - 120M	12.0	$\pm 20\%$	0.0320	3.40
GSRHC105R - 150M	15.0	$\pm 20\%$	0.0400	2.83
GSRHC105R - 180M	18.0	$\pm 20\%$	0.0450	2.62
GSRHC105R - 220M	22.0	$\pm 20\%$	0.0585	2.44
GSRHC105R - 270M	27.0	$\pm 20\%$	0.0654	2.24
GSRHC105R - 330M	33.0	$\pm 20\%$	0.0814	1.88
GSRHC105R - 390M	39.0	$\pm 20\%$	0.1031	1.70
GSRHC105R - 470M	47.0	$\pm 20\%$	0.1221	1.56
GSRHC105R - 560M	56.0	$\pm 20\%$	0.1448	1.39
GSRHC105R - 680M	68.0	$\pm 20\%$	0.1930	1.36
GSRHC105R - 820M	82.0	$\pm 20\%$	0.2194	1.20
GSRHC105R - 101M	100.0	$\pm 20\%$	0.2470	1.09
GSRHC105R - 121M	120.0	$\pm 20\%$	0.2984	1.00
GSRHC105R - 151M	150.0	$\pm 20\%$	0.3551	0.91
GSRHC105R - 181M	180.0	$\pm 20\%$	0.3943	0.84
GSRHC105R - 221M	220.0	$\pm 20\%$	0.4838	0.75
GSRHC105R - 271M	270.0	$\pm 20\%$	0.6325	0.68

【GSRHC105R-SERIES】

SELECTION GUIDE FOR STANDARD COILS

GENERIC Part Number	Inductance	Tolerance	DC Resistance	Inductance Decrease Current
	(μ H)	(%)	(Ω) Max	(A) Max
GSRHC105R - 331M	330.0	$\pm 20\%$	0.7800	0.60
GSRHC105R - 391M	390.0	$\pm 20\%$	0.9575	0.57
GSRHC105R - 471M	470.0	$\pm 20\%$	1.2204	0.50
GSRHC105R - 561M	560.0	$\pm 20\%$	1.3524	0.47
GSRHC105R - 681M	680.0	$\pm 20\%$	1.5192	0.43
GSRHC105R - 821M	820.0	$\pm 20\%$	1.6944	0.39
GSRHC105R - 102M	1000.0	$\pm 20\%$	1.9464	0.35

※ GENERAL SPECIFICATION:

- a. Inductance drop =35% typ. at IDC.
- b. $\Delta T=40^{\circ}\text{C}$ rise at IDC.
- c. Operating Temperature : $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- d. Test Freq. : 100KHz / 0.1V.