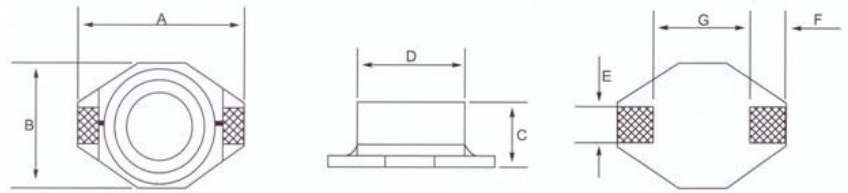


GBS Series



● Dimensions and Land Patterns. (UNIT: mm)



TYPE	A max	B max	C max	D	E	F	G
GBS1608	6.90	4.50	2.90	4.00	1.20	1.15	4.20
GBS3316	13.5	10.0	5.10	8.38	2.54	2.54	7.62
GBS5022	19.0	15.2	7.00	12.7	2.54	2.54	12.7

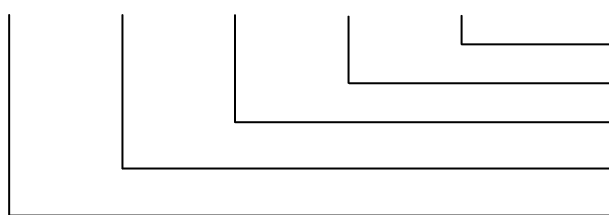
● Applications:

Notebook, Desktop, Modem equipment, LCD,OA equipment, other electronic equipment

● Operating temperature: -40°C to +125°C

● Part Numbering

GBS 5022 M T 100



Inductance Value: 100:10uH
 Packaging Code: Taping Reel
 Inductance Tolerance: N: ±30% M: ±20%
 Dimensions: 1608 3316 5022
 Product Type

Electrical characteristics List

GBS1608/3316/5022 Series

PART No.	L (uH)	Tolerance	Test Condition	DCR (Ω)MAX			IDC (A)		
				1608	3316	5022	1608	3316	5022
GBS◇◇NT1R0	1.0	N	100KHZ/0.25V	0.016	0.018	0.016	1.500	4.10	6.50
GBS◇◇NT1R5	1.5	N	100KHZ/0.25V	0.018	0.023	0.020	1.180	3.80	6.00
GBS◇◇NT2R2	2.2	N	100KHZ/0.25V	0.023	0.026	0.023	1.080	3.10	5.00
GBS◇◇NT3R3	3.3	N	100KHZ/0.25V	0.029	0.035	0.026	0.800	2.50	4.70
GBS◇◇NT4R7	4.7	N	100KHZ/0.25V	0.046	0.044	0.028	0.600	2.10	4.40
GBS◇◇NT5R6	5.6	N	100KHZ/0.25V	0.052	0.049	0.030	0.580	2.06	4.10
GBS◇◇NT6R8	6.8	N	100KHZ/0.25V	0.060	0.057	0.036	0.560	2.00	4.00
GBS◇◇MT100	10	M	100KHZ/0.25V	0.080	0.099	0.040	0.400	1.60	3.90
GBS◇◇MT150	15	M	100KHZ/0.25V	0.102	0.134	0.048	0.330	1.35	3.40
GBS◇◇MT220	22	M	1KHZ/0.25V	0.128	0.228	0.059	0.300	1.10	3.10
GBS◇◇MT330	33	M	1KHZ/0.25V	0.169	0.325	0.075	0.270	0.81	2.80
GBS◇◇MT470	47	M	1KHZ/0.25V	0.228	0.403	0.097	0.220	0.73	2.40
GBS◇◇MT680	68	M	1KHZ/0.25V	0.332	0.585	0.138	0.170	0.64	2.00
GBS◇◇MT101	100	M	1KHZ/0.25V	0.520	0.793	0.207	0.140	0.52	1.70
GBS◇◇MT151	150	M	1KHZ/0.25V	0.800	1.800	0.293	0.110	0.43	1.30
GBS◇◇MT221	220	M	1KHZ/0.25V	1.080	2.150	0.470	0.090	0.34	1.10
GBS◇◇MT331	330	M	1KHZ/0.25V	1.560	5.670	0.780	0.067	0.27	0.86
GBS◇◇MT471	470	M	1KHZ/0.25V	2.200	3.900	1.080	0.054	0.19	0.73
GBS◇◇MT681	680	M	1KHZ/0.25V	3.150	5.850	1.400	0.043	0.17	0.64
GBS◇◇MT102	1000	M	1KHZ/0.25V	4.680	8.320	2.000	0.033	0.14	0.53