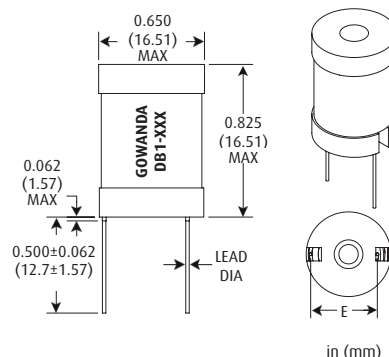


DB1 SERIES



Radial Led High Current Power Line Choke

PART NUMBER	L μ H @ 1 kHz	DCR Ω MAX	I SAT A DC	CURRENT RATING A DC	E DIM	LEAD DIAMETER
FERRITE CORE						
DB1-221†	2.2	0.004	47.0	11.8	0.500 (12.70)	0.0508 (1.29)
DB1-331†	3.3	0.005	40.0	10.5	0.500 (12.70)	0.0508 (1.29)
DB1-391†	3.9	0.006	36.0	9.6	0.500 (12.70)	0.0508 (1.29)
DB1-471†	4.7	0.007	32.0	9.0	0.500 (12.70)	0.0508 (1.29)
DB1-561†	5.6	0.007	29.0	9.0	0.500 (12.70)	0.0508 (1.29)
DB1-681†	6.8	0.007	26.0	9.0	0.500 (12.70)	0.0508 (1.29)
DB1-821†	8.2	0.008	24.5	9.0	0.500 (12.70)	0.0508 (1.29)
DB1-102	10	0.009	21.2	9.0	0.500 (12.70)	0.0508 (1.29)
DB1-122	12	0.010	19.0	9.0	0.500 (12.70)	0.0508 (1.29)
DB1-152	15	0.011	17.5	7.2	0.500 (12.70)	0.0453 (1.15)
DB1-182	18	0.015	16.5	7.2	0.500 (12.70)	0.0453 (1.15)
DB1-222	22	0.017	15.8	5.7	0.480 (12.19)	0.0403 (1.02)
DB1-272	27	0.025	14.4	4.7	0.480 (12.19)	0.0359 (0.91)
DB1-332	33	0.033	13.2	4.1	0.480 (12.19)	0.0359 (0.91)
DB1-392	39	0.400	11.8	4.0	0.480 (12.19)	0.0320 (0.81)
DB1-472	47	0.050	11.0	3.3	0.480 (12.19)	0.0320 (0.81)
DB1-562	56	0.050	10.0	3.3	0.480 (12.19)	0.0320 (0.81)
DB1-602	60	0.060	9.6	3.0	0.480 (12.19)	0.0320 (0.81)
DB1-682	68	0.063	8.9	3.0	0.480 (12.19)	0.0285 (0.72)
DB1-822	82	0.065	8.2	2.9	0.500 (12.70)	0.0285 (0.72)
DB1-103	100	0.072	7.5	2.8	0.500 (12.70)	0.0285 (0.72)
DB1-123	120	0.100	5.8	2.4	0.470 (11.94)	0.0253 (0.64)
DB1-153	150	0.140	5.6	2.0	0.470 (11.94)	0.0253 (0.64)
DB1-183	180	0.150	5.1	1.9	0.470 (11.94)	0.0253 (0.64)
DB1-223	220	0.172	4.3	1.8	0.470 (11.94)	0.0253 (0.64)
DB1-273	270	0.240	4.1	1.6	0.470 (11.94)	0.0201 (0.57)
DB1-333	330	0.262	3.8	1.5	0.470 (11.94)	0.0201 (0.57)
DB1-393	390	0.300	3.3	1.4	0.470 (11.94)	0.0201 (0.57)
DB1-473	470	0.396	3.2	1.2	0.470 (11.94)	0.0201 (0.57)
DB1-563	560	0.430	2.9	1.1	0.470 (11.94)	0.0179 (0.45)



NOTES

- Operating Temperature Range: -55°C to +125°C
- Current Rating is based on a 35°C temperature rise at an ambient temperature of 90°C
- Saturation Current is the approximate value that will cause a 10% drop in inductance as indicated in the table
- Weight: 13 grams
- Marking: GOWANDA; DB1-xxx (dash number) (see diagram above)
- Epoxy-insulated core
- Custom designs are available to meet your specific requirements; please contact factory

PART NUMBER DERIVATION

GEC Series ————— **DB1 - 221 LF**
Inductance: 2 signif. digits & mult. —————
 ex: 221 = 2.2 μ H, 222 = 22 μ H, 223 = 220 μ H
Tolerance: All part numbers provide 10% tolerance on inductance or † = 20%
Termination: LF = RoHS, No Suffix = SnPb (Standard) —————

PACKAGING SPECS

Bulk only

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