

DB3



DB3LF*



Wirewound, Power Line Choke, Radial



PART NUMBER	L μ H @ 1 kHz	DCR OHMS MAX	SATURATION CURRENT A DC	CURRENT RATING A DC	DIMENSIONS	
					E DIM	LEAD DIAMETER
FERRITE CORE						
DB3-331†	3.3	0.002	74.0	22.0	0.765 (19.43)	0.0808 (2.05)
DB3-471†	4.7	0.003	54.0	21.0	0.790 (20.07)	0.0808 (2.05)
DB3-561†	5.6	0.003	54.0	21.0	0.790 (20.07)	0.0808 (2.05)
DB3-681†	6.8	0.003	47.0	21.0	0.820 (20.83)	0.0808 (2.05)
DB3-821†	8.2	0.003	42.0	21.0	0.820 (20.83)	0.0808 (2.05)
DB3-102	10	0.004	38.0	17.0	0.800 (20.32)	0.0720 (1.83)
DB3-122	12	0.005	35.0	13.9	0.800 (20.32)	0.0720 (1.83)
DB3-152	15	0.006	32.0	13.5	0.800 (20.32)	0.0720 (1.83)
DB3-182	18	0.007	29.0	13.5	0.825 (20.96)	0.0720 (1.83)
DB3-222	22	0.008	25.0	13.5	0.825 (20.96)	0.0641 (1.63)
DB3-272	27	0.009	23.0	13.5	0.825 (20.96)	0.0641 (1.63)
DB3-332	33	0.010	20.0	13.5	0.765 (19.43)	0.0641 (1.63)
DB3-392	39	0.018	19.1	11.4	0.765 (19.43)	0.0571 (1.45)
DB3-472	47	0.018	19.0	9.0	0.785 (19.94)	0.0571 (1.45)
DB3-562	56	0.024	17.5	9.0	0.785 (19.94)	0.0571 (1.45)
DB3-682	68	0.024	15.6	9.0	0.785 (19.94)	0.0571 (1.45)
DB3-822	82	0.024	14.0	9.0	0.800 (20.32)	0.0508 (1.29)
DB3-103	100	0.033	13.2	9.0	0.800 (20.32)	0.0508 (1.29)
DB3-123	120	0.038	12.1	7.2	0.745 (18.92)	0.0453 (1.15)
DB3-153	150	0.051	10.8	5.5	0.730 (18.54)	0.0403 (1.02)
DB3-183	180	0.055	9.7	5.5	0.765 (19.43)	0.0403 (1.02)
DB3-223	220	0.061	8.7	5.5	0.765 (19.43)	0.0403 (1.02)
DB3-273	270	0.090	7.9	4.5	0.765 (19.43)	0.0359 (0.91)
DB3-333	330	0.094	7.1	4.5	0.765 (19.43)	0.0320 (0.81)
DB3-393	390	0.129	6.7	4.0	0.765 (19.43)	0.0320 (0.81)
DB3-473	470	0.142	6.0	4.0	0.765 (19.43)	0.0320 (0.81)
DB3-563	560	0.162	5.5	4.0	0.765 (19.43)	0.0320 (0.81)
DB3-683	680	0.217	5.0	2.8	0.765 (19.43)	0.0320 (0.81)
DB3-823	820	0.240	4.5	2.8	0.765 (19.43)	0.0285 (0.72)
DB3-104	1000	0.263	4.1	2.0	0.765 (19.43)	0.0285 (0.72)
DB3-124	1200	0.325	3.7	2.0	0.765 (19.43)	0.0285 (0.72)
DB3-154	1500	0.407	3.4	2.0	0.780 (19.81)	0.0253 (0.64)
DB3-184	1800	0.500	2.8	1.6	0.780 (19.81)	0.0253 (0.64)
DB3-224	2200	0.618	2.5	1.3	0.740 (18.80)	0.0226 (0.57)
DB3-274	2700	0.850	2.3	1.3	0.740 (18.80)	0.0201 (0.51)
DB3-334	3300	0.951	2.0	1.3	0.740 (18.80)	0.0201 (0.51)
DB3-394	3900	1.200	1.8	1.0	0.740 (18.80)	0.0201 (0.51)
DB3-474	4700	1.700	1.7	1.0	0.680 (17.27)	0.0179 (0.45)

All part numbers provide 10% tolerance on inductance

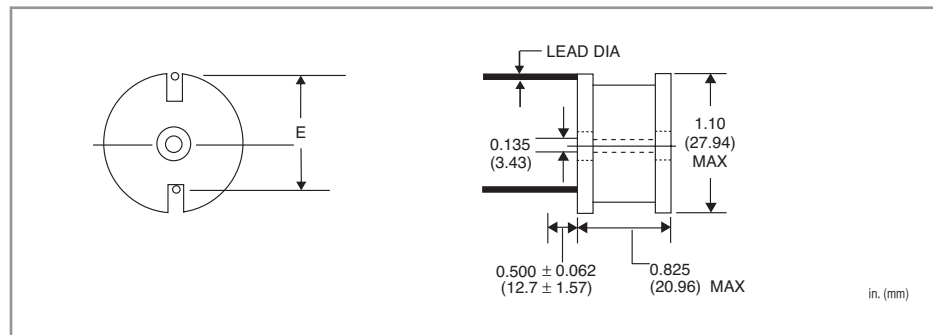
† Provide 20% tolerance on inductance

Custom designs are available to meet your specific requirements; please contact factory

***Add "LF" suffix for RoHS requirement. Example: DB3-331LF**

Gowanda designates a component RoHS-compliant by adding "LF" (lead free) to the part number.

These LF components meet the $\leq .1\%$ lead requirement and they are compatible with 260°C soldering processes.



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
- Leads tinned to within 0.062 in. of body
- Epoxy-insulated core

PACKAGING SPECS:

Bulk only