

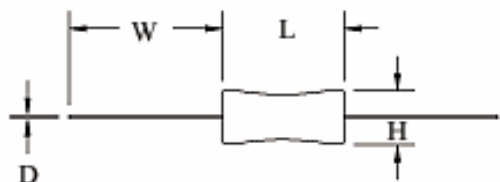


DX Series Axial Power Choke



Features:

- Low cost, high current axial leaded inductors;
- Wide inductance range with standard tolerance of $\pm 10\%$;
- Coated with varnish and inductor covered with PVC or UL shrink tubing;
- Applied in power supplies, switching circuits, motor controls, TV and audio equipment, telecommunication devices, RF and other filters;
- Tape & Reel or Ammo Pack is available for auto insertion.



Mechanical Dimensions (Unit: mm)				
Part Number	L Max.	H Max.	W Min.	D ± 0.05
DX3063	16	7.5	23	0.8
DX5090	23	12.5	18	0.8

Electrical Specifications				
Part Number	L @ 1KHz (μ H)	DCR (Max.) (Ω)	I _{sat} (Amps)	I _{rms} (Amps)
DX3063-3R3K	3.3	0.0228	1.28	7.3
DX3063-4R7K	4.7	0.0264	1.28	6.3
DX3063-6R8K	6.8	0.0312	1.28	5.3
DX3063-100K	10	0.0396	1.28	4.1
DX3063-150K	15	0.0480	1.28	3.3
DX3063-220K	22	0.0600	1.28	2.7
DX3063-270K	27	0.0672	1.28	2.5
DX3063-330K	33	0.0912	1.008	2.2
DX3063-470K	47	0.1284	0.804	1.8
DX3063-820K	82	0.1820	0.804	1.4
DX3063-101K	100	0.2080	0.632	1.2
DX3063-151K	150	0.3400	0.508	1.0
DX3063-221K	220	0.4300	0.508	0.86
DX3063-331K	330	0.6650	0.400	0.70
DX3063-471K	470	1.1500	0.315	0.59
DX3063-681K	680	1.1610	0.250	0.49
DX3063-821K	820	1.9600	0.200	0.44
DX3063-102K	1000	2.5000	0.230	0.35
DX3063-152K	1500	3.4500	0.158	0.33
DX3063-222K	2200	4.4800	0.158	0.27
DX3063-332K	3300	6.5600	0.125	0.22
DX3063-472K	4700	9.6600	0.100	0.18
DX3063-682K	6800	16.300	0.082	0.151
DX3063-103K	10000	30.0000	0.050	0.125
DX3063-153K	15000	42.5000	0.039	0.098
DX3063-183K	18000	48.3000	0.039	0.091



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Part Number	L @ 1KHz (uH)	DCR (Max.) (Ω)	I _{sat} (Amps)	I _{rms} (Amps)
DX5090-3R9K	3.9	0.007	4.000	15.50
DX5090-5R6K	5.6	0.011	4.000	12.60
DX5090-100K	10	0.017	4.000	8.70
DX5090-150K	15	0.022	4.000	7.34
DX5090-220K	22	0.026	4.000	6.07
DX5090-330K	33	0.032	4.000	4.82
DX5090-470K	47	0.035	4.000	3.98
DX5090-680K	68	0.050	2.500	3.31
DX5090-820K	82	0.060	2.000	3.10
DX5090-101K	100	0.090	1.600	2.79
DX5090-151K	150	0.129	1.600	2.22
DX5090-221K	220	0.162	1.600	1.89
DX5090-331K	330	0.212	1.600	1.51
DX5090-471K	470	0.380	1.200	1.24
DX5090-681K	680	0.548	1.000	1.05
DX5090-102K	1000	0.844	0.800	0.87
DX5090-152K	1500	1.180	0.600	0.70
DX5090-222K	2200	2.000	0.500	0.58
DX5090-332K	3300	2.630	0.400	0.47
DX5090-392K	3900	2.750	0.400	0.43
DX5090-472K	4700	3.190	0.400	0.39
DX5090-682K	6800	5.690	0.250	0.32
DX5090-802K	8000	5.800	0.250	0.31
DX5090-822K	8200	6.320	0.250	0.29
DX5090-103K	10000	7.300	0.250	0.27
DX5090-823K	82000	58.000	0.700	0.08

Notes:

1. Terminal tensile strength: 1.0 Kg min.; Terminal bending strength: 0.3 Kg min.
2. Operating Temperature Range: -25 ~ 80 °C.
3. Custom values are available.