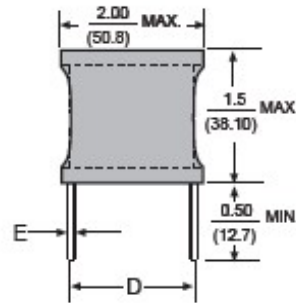
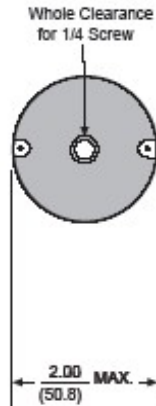




DC6 Series Power Inductor DC6



Dimensions: $\frac{\text{Inches}}{\text{(mm)}}$

DC6 Series

Wilco Part Number	(L) μh @ 1Khz	Tolerance	DCR Max. (Ω)	Saturation Current (A) DC	Rated Current (A)	Dimension (D)	Dimension (E)
DC6-4R7M-LF	4.7	20	0.002	149.9	35	0.105	1.4
DC6-5R6M-LF	5.6	20	0.002	122.7	35	0.105	1.4
DC6-6R8M-LF	6.8	20	0.003	103.8	35	0.105	1.4
DC6-8R2M-LF	8.2	20	0.003	90	35	0.105	1.4
DC6-100K-LF	10	10	0.003	79.4	35	0.105	1.48
DC6-120K-LF	12	10	0.004	71	35	0.105	1.48
DC6-150K-LF	15	10	0.004	64.3	35	0.105	1.48
DC6-180K-LF	18	10	0.005	58.7	35	0.105	1.48
DC6-220K-LF	22	10	0.005	54	35	0.105	1.48
DC6-270K-LF	27	10	0.006	50	35	0.105	1.48
DC6-330K-LF	33	10	0.006	46.5	35	0.105	1.48
DC6-390K-LF	39	10	0.006	43.5	35	0.105	1.48
DC6-470K-LF	47	10	0.008	40.9	35	0.105	1.48
DC6-560K-LF	56	10	0.009	36.5	35	0.105	1.48
DC6-680K-LF	68	10	0.009	32.9	35	0.105	1.48
DC6-820K-LF	82	10	0.01	30	35	0.105	1.48
DC6-101K-LF	100	10	0.014	26.5	27	0.094	1.53
DC6-121K-LF	120	10	0.015	24.5	27	0.094	1.53
DC6-151K-LF	150	10	0.023	21.4	21	0.084	1.49
DC6-181K-LF	180	10	0.025	19.5	21	0.084	1.49
DC6-221K-LF	220	10	0.028	18	21	0.084	1.49
DC6-271K-LF	270	10	0.03	16.2	21	0.084	1.49
DC6-331K-LF	330	10	0.04	14.8	17	0.075	1.31
DC6-391K-LF	390	10	0.055	13.6	13.5	0.068	1.31
DC6-471K-LF	470	10	0.061	12.3	13.5	0.068	1.31
DC6-561K-LF	560	10	0.068	11.3	13.5	0.068	1.4
DC6-681K-LF	680	10	0.094	10.3	11.4	0.06	1.42
DC6-821K-LF	820	10	0.104	9.4	11.4	0.06	1.42
DC6-102K-LF	1000	10	0.143	8.5	9	0.054	1.36
DC6-122K-LF	1200	10	0.156	7.7	9	0.054	1.36
DC6-152K-LF	1500	10	0.219	6.8	7.2	0.048	1.31
DC6-182K-LF	1800	10	0.241	6.3	7.2	0.048	1.31
DC6-222K-LF	2200	10	0.27	5.7	7.2	0.048	1.4
DC6-272K-LF	2700	10	0.364	5.1	5.5	0.043	1.36
DC6-332K-LF	3300	10	0.498	4.6	4.5	0.039	1.24
DC6-392K-LF	3900	10	0.548	4.2	4.5	0.039	1.32
DC6-472K-LF	4700	10	0.608	4.5	4.5	0.039	1.32
DC6-562K-LF	5600	10	0.671	4.5	4.5	0.039	1.36
DC6-682K-LF	6800	10	0.75	3.2	4.5	0.039	1.4
DC6-822K-LF	8200	10	1.03	2.9	4	0.035	1.45
DC6-103K-LF	10000	10	1.16	2.6	4	0.035	1.45
DC6-123K-LF	12000	10	1.54	2.4	2.8	0.031	1.4
DC6-153K-LF	15000	10	1.75	2.2	2.8	0.031	1.4
DC6-183K-LF	18000	10	1.94	2	2.8	0.028	1.45
DC6-223K-LF	22000	10	2.74	1.8	2	0.028	1.37
DC6-273K-LF	27000	10	3.71	1.6	1.7	0.025	1.37
DC6-333K-LF	33000	10	4.16	1.5	1.7	0.025	1.37
DC6-393K-LF	39000	10	5.56	1.4	1.4	0.025	1.35
DC6-473K-LF	47000	10	6.19	1.2	1.4	0.022	1.35

Features: high current power line choke drum core design ULVW-1 Shrink Tube

Electrical: saturation current lowers inductance by 5% operating temp. -55 C to 125 C

Physical: box /tray packing EIA inductance code