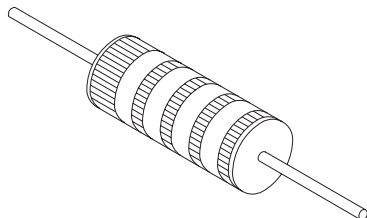




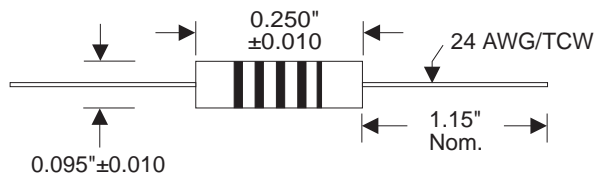
Molded Inductors

MCM Series



General Specifications

Inductance Range: 0.10 μ H to 1,000 μ H
 Operating Temperature Range: -55°C to +105°C.
 Current Rating: Based on temperature rise not to exceed 35°C.
 Ambient Temperature: 70°C.
 Inductance Tolerance: \pm 10% over entire inductance range.
 Marking: 5-band color code.



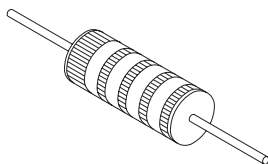
Part Number	Inductance (μ H)	Q Min	Test Freq. (MHz)	Self Resonant Freq. Min. (MHz)	DC Resistance Max (Ω)	Rated DC Current Max (mA)
MCM-R10K	.10	40	25	680	.08	1350
MCM-R12K	.12	40	25	640	.09	1270
MCM-R15K	.15	38	25	600	.10	1200
MCM-R18K	.18	35	25	550	.12	1105
MCM-R22K	.22	33	25	510	.14	1025
MCM-R27K	.27	33	25	430	.16	960
MCM-R33K	.33	30	25	410	.22	815
MCM-R39K	.39	30	25	365	.30	700
MCM-R47K	.47	30	25	330	.35	650
MCM-R56K	.56	30	25	300	.50	545
MCM-R68K	.68	28	25	275	.60	495
MCM-R82K	.82	28	25	250	.85	415
MCM-1R0K	1.0	25	25	230	1.00	385
MCM-1R2K	1.2	25	7.9	150	.18	590
MCM-1R5K	1.5	28	7.9	140	.22	535
MCM-1R8K	1.8	30	7.9	125	.30	455
MCM-2R2K	2.2	30	7.9	115	.40	395
MCM-2R7K	2.7	37	7.9	100	.55	355
MCM-3R3K	3.3	45	7.9	90	.85	270
MCM-3R9K	3.9	45	7.9	80	1.0	250
MCM-4R7K	4.7	45	7.9	75	1.2	230
MCM-5R6K	5.6	50	7.9	65	1.8	185
MCM-6R8K	6.8	50	7.9	60	2.0	175
MCM-8R2K	8.2	55	7.9	55	2.7	155
MCM-100K	10	55	7.9	50	3.7	130
MCM-120K	12	45	2.5	40	2.7	155
MCM-150K	15	40	2.5	35	2.8	150
MCM-180K	18	50	2.5	30	3.1	145
MCM-220K	22	50	2.5	25	3.3	140
MCM-270K	27	50	2.5	20	3.5	135
MCM-330K	33	45	2.5	24	3.4	130
MCM-390K	39	45	2.5	22	3.6	125
MCM-470K	47	45	2.5	20	4.5	110
MCM-560K	56	45	2.5	18	5.7	100
MCM-680K	68	50	2.5	15	6.7	92
MCM-820K	82	50	2.5	14	7.3	88
MCM-101K	100	50	2.5	13	8	84
MCM-121K	120	30	.79	12	13	66
MCM-151K	150	30	.79	11	15	61
MCM-181K	180	30	.79	10	17	57
MCM-221K	220	30	.79	9	21	52
MCM-271K	270	30	.79	8	25	47
MCM-331K	330	30	.79	7.0	28	45
MCM-391K	390	30	.79	6.5	35	40
MCM-471K	470	30	.79	6.0	42	36
MCM-561K	560	30	.79	5.0	46	35
MCM-681K	680	30	.79	4.0	60	30
MCM-821K	820	30	.79	3.8	65	29
MCM-102K	1000	30	.79	3.4	72	28

Specifications are subject to change without notice.



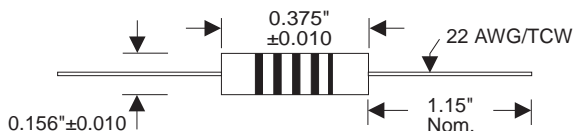
Molded Inductors

MCS Series



General Specifications

Inductance Range: 0.15 μ H to 1,000 μ H
 Operating Temperature Range: -55°C to +105°C.
 Ambient Temperature: +70°C
 Inductance Tolerance: \pm 20% from 0.15 μ H to 0.47 μ H; \pm 10% from 0.56 μ H to 33 μ H; \pm 5% from 36 μ H to 1,000 μ H
 Marking: 5-band color code.



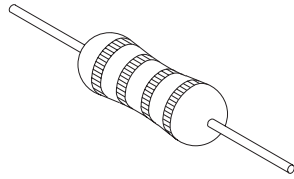
Part Number	Inductance (μ H)	Q Min	Test Freq. (MHz)	Self Resonant Freq. Min. (MHz)	DC Resistance Max (Ω)	Rated DC Current Max (mA)
MCS-R15M	.15	50	25	525	.03	2740
MCS-R22M	.22	50	25	450	.055	2080
MCS-R33M	.33	45	25	360	.09	1580
MCS-R47M	.47	45	25	310	.12	1370
MCS-R56K	.56	50	25	280	.135	1290
MCS-R68K	.68	50	25	250	.15	1220
MCS-R82K	.82	50	25	250	.22	1020
MCS-1R0K	1.0	50	25	200	.29	880
MCS-1R2K	1.2	33	7.9	180	.42	730
MCS-1R5K	1.5	33	7.9	160	.23	670
MCS-1R8K	1.8	33	7.9	150	.65	590
MCS-2R2K	2.2	33	7.9	135	.95	485
MCS-2R7K	2.7	33	7.9	120	1.20	430
MCS-3R3K	3.3	33	7.9	110	2.00	335
MCS-3R9K	3.9	33	7.9	100	2.30	310
MCS-4R7K	4.7	33	7.9	90	2.60	294
MCS-5R6K	5.6	45	7.9	55	.32	565
MCS-6R8K	6.8	50	7.9	55	.50	450
MCS-8R2K	8.2	50	7.9	50	.60	410
MCS-100K	10	55	7.9	45	.90	335
MCS-120K	12	65	2.5	42	1.10	305
MCS-150K	15	65	2.5	40	1.40	271
MCS-180K	18	75	2.5	34	2.25	213
MCS-220K	22	75	2.5	30	2.5	202
MCS-240K	24	60	2.5	26	2.50	202
MCS-270K	27	60	2.5	25	2.60	202
MCS-300K	30	65	2.5	21	2.80	191
MCS-330K	33	65	2.5	19	3.00	185
MCS-360J	36	60	2.5	15.5	2.50	202
MCS-390J	39	60	2.5	14.5	2.60	198
MCS-430J	43	60	2.5	13.7	2.70	194
MCS-470J	47	55	2.5	13	2.75	193
MCS-510J	51	55	2.5	12.7	2.85	189
MCS-560J	56	55	2.5	12.0	3.00	184
MCS-620J	62	55	2.5	11.5	3.15	180
MCS-680J	68	55	2.5	11.0	3.30	176
MCS-750J	75	55	2.5	10.5	3.70	166
MCS-820J	82	50	2.5	10.3	3.90	162
MCS-910J	91	50	2.5	10.0	4.30	154
MCS-101J	100	50	2.5	9.5	5.50	151
MCS-111J	110	60	.79	8.9	4.90	144
MCS-121J	120	65	.79	8.7	5.20	140
MCS-131J	130	65	.79	8.5	5.45	137
MCS-151J	150	65	.79	8.0	6.05	130
MCS-161J	160	65	.79	7.5	6.40	126
MCS-181J	180	65	.79	8.0	6.05	130
MCS-201J	200	65	.79	6.5	7.10	123
MCS-221J	220	65	.79	6.2	7.45	117
MCS-241J	240	65	.79	5.9	7.80	115
MCS-271J	270	65	.79	5.7	11.0	143
MCS-301J	300	65	.79	5.1	12.0	136
MCS-331J	330	65	.79	5.1	12.0	136
MCS-361J	360	65	.79	4.8	12.5	134
MCS-391J	390	65	.79	4.5	16.3	117
MCS-431J	430	65	.79	4.2	17.1	115
MCS-471J	470	65	.79	3.9	17.9	112
MCS-511J	510	65	.79	3.7	18.8	109
MCS-561J	560	65	.79	3.8	19.6	107
MCS-621J	620	65	.79	3.3	25.9	93
MCS-681J	680	65	.79	3.1	27.2	91
MCS-721J	720	65	.79	2.9	28.6	88
MCS-821J	820	65	.79	2.7	30.0	86
MCS-911J	910	65	.79	2.5	31.5	84
MCS-102J	1000	65	.79	2.3	33.0	82

Specifications are subject to change without notice.



Conformal Coated Chokes

ECM Series



General Specifications

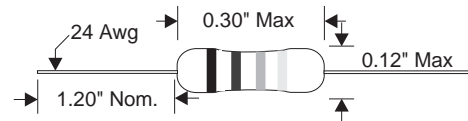
Inductance Range: 0.10 μ H to 1000 μ H
 Operating Temp: -20°C to +105°C
 Terminal Strength: 5 lbs pull test
 Rated Current: Based on coil temperature

Marking



Color	1st & 2nd Sig. Fig.	3rd Multiplier	4th Tolerance
Black	0	1	±3%
Brown	1	10	
Red	2	100	
Orange	3	1000	
Yellow	4	-	
Green	5	-	
Blue	6	-	
Violet	7	-	
Grey	8	-	
White	9	-	±5%
Gold	-	0.1	

Dimensions



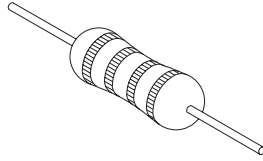
Part No.	Inductance		Q (min)	Self-Resonance Frequency [MHz] (min)	DC Resistance [Ohm] (max)	I DC [mA]	Test Frequency [MHz]
	[μ H]	Tol.					
ECMR10K	0.10	±10%	35	480	0.06	1400	25.2
ECMR12K	0.12	±10%	35	450	0.06	1350	25.2
ECMR15K	0.15	±10%	35	420	0.07	1270	25.2
ECMR18K	0.18	±10%	35	400	0.07	1200	25.2
ECMR22K	0.22	±10%	35	380	0.08	1150	25.2
ECMR27K	0.27	±10%	35	360	0.09	1110	25.2
ECMR33K	0.33	±10%	35	320	0.10	1110	25.2
ECMR39K	0.39	±10%	35	310	0.12	1000	25.2
ECMR47K	0.47	±10%	40	300	0.15	1000	25.2
ECMR56K	0.56	±10%	40	280	0.18	950	25.2
ECMR68K	0.68	±10%	40	240	0.20	900	25.2
ECMR82K	0.82	±10%	40	200	0.22	900	25.2
ECM1R0K	1.0	±10%	40	180	0.25	815	25.2
ECM1R2K	1.2	±10%	50	160	0.28	740	7.96
ECM1R5K	1.5	±10%	50	140	0.30	700	7.96
ECM1R8K	1.8	±10%	50	120	0.35	655	7.96
ECM2R2K	2.2	±10%	50	110	0.40	630	7.96
ECM2R7K	2.7	±10%	50	85	0.45	595	7.96
ECM3R3K	3.3	±10%	50	70	0.50	575	7.96
ECM3R9K	3.9	±10%	50	65	0.55	555	7.96
ECM4R7K	4.7	±10%	50	50	0.60	530	7.96
ECM5R6K	5.6	±10%	50	40	0.65	500	7.96
ECM6R8K	6.8	±10%	50	30	0.70	470	7.96
ECM8R2K	8.2	±10%	50	28	0.80	425	7.96
ECM100K	10	±10%	50	22	0.85	370	7.96
ECM120K	12	±10%	50	20	0.90	350	2.52
ECM150K	15	±10%	50	16	1.00	335	2.52
ECM180K	18	±10%	50	15	1.20	315	2.52
ECM220K	22	±10%	50	13	1.35	285	2.52
ECM270K	27	±10%	50	11	1.80	270	2.52
ECM330K	33	±10%	50	10	2.10	255	2.52
ECM390K	39	±10%	50	9.5	2.30	240	2.52
ECM470K	47	±10%	50	8.5	2.60	205	2.52
ECM560K	56	±10%	50	7.5	2.90	195	2.52
ECM680K	68	±10%	50	6.5	3.20	185	2.52
ECM820K	82	±10%	50	6.0	3.80	175	2.52
ECM101K	100	±10%	50	5.5	4.20	165	2.52
ECM121K	120	±10%	50	5.4	4.50	160	0.796
ECM151K	150	±10%	50	4.7	5.00	150	0.796
ECM181K	180	±10%	50	4.3	6.00	140	0.796
ECM221K	220	±10%	50	4.0	7.00	130	0.796
ECM271K	270	±10%	50	3.7	7.50	120	0.796
ECM331K	330	±10%	50	3.4	8.00	100	0.796
ECM391K	390	±10%	50	2.8	10.00	95	0.796
ECM471K	470	±10%	50	2.5	13.00	90	0.796
ECM561K	560	±10%	50	2.3	15.00	85	0.796
ECM681K	680	±10%	50	2.0	16.00	75	0.796
ECM821K	820	±10%	50	1.5	23.00	65	0.796
ECM102K	1000	±10%	50	1.2	26.00	60	0.796

Specifications are subject to change without notice.



Conformal Coated Chokes

ECS Series



General Specifications

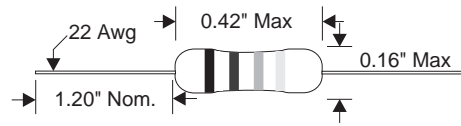
Inductance Range: 0.10 μ H to 2000 μ H
 Operating Temp: -20°C to +105°C
 Terminal Strength: 5 lbs pull test
 Rated Current: Based on coil

Marking



Color	1st & 2nd Sig. Fig.	3rd Multiplier	4th Tolerance
Black	0	1	±3%
Brown	1	10	
Red	2	100	
Orange	3	1000	
Yellow	4	-	
Green	5	-	
Blue	6	-	
Violet	7	-	
Grey	8	-	
White	9	-	
Gold	-	0.1	±5%

Dimensions



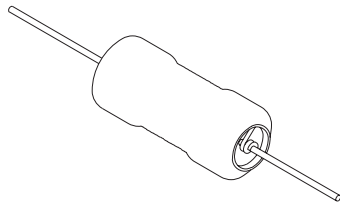
Part No.	Inductance		Q (min)	Self-Resonance Frequency [MHz] (min)	DC Resistance [Ohm] (max)	I DC [mA]	Test Frequency [MHz]
	[μ H]	Tol.					
ECSR10K	0.10	±10%	50	480	0.06	1700	25.2
ECSR12K	0.12	±10%	50	450	0.06	1640	25.2
ECSR15K	0.15	±10%	50	420	0.07	1560	25.2
ECSR18K	0.18	±10%	50	400	0.07	1480	25.2
ECSR22K	0.22	±10%	50	380	0.08	1400	25.2
ECSR27K	0.27	±10%	50	340	0.09	1320	25.2
ECSR33K	0.33	±10%	50	300	0.10	1280	25.2
ECSR39K	0.39	±10%	50	280	0.12	1200	25.2
ECSR47K	0.47	±10%	50	250	0.13	1150	25.2
ECSR56K	0.56	±10%	50	230	0.14	1100	25.2
ECSR68K	0.68	±10%	50	210	0.15	1030	25.2
ECSR82K	0.82	±10%	50	172	0.16	980	25.2
ECS1R0K	1.0	±10%	50	157	0.17	920	25.2
ECS1R2K	1.2	±10%	50	144	0.18	880	7.96
ECS1R5K	1.5	±10%	50	131	0.20	830	7.96
ECS1R8K	1.8	±10%	50	121	0.22	790	7.96
ECS2R2K	2.2	±10%	50	110	0.24	750	7.96
ECS2R7K	2.7	±10%	60	100	0.25	720	7.96
ECS3R3K	3.3	±10%	60	94	0.30	670	7.96
ECS3R9K	3.9	±10%	60	86	0.35	640	7.96
ECS4R7K	4.7	±10%	70	80	0.40	620	7.96
ECS5R6K	5.6	±10%	70	74	0.45	590	7.96
ECS6R8K	6.8	±10%	70	68	0.50	550	7.96
ECS8R2K	8.2	±10%	80	53	0.60	530	7.96
ECS100K	10	±10%	80	40	0.65	500	7.96
ECS120K	12	±10%	70	34	0.70	480	2.52
ECS150K	15	±10%	70	20	0.75	460	2.52
ECS180K	18	±10%	60	14	0.80	430	2.52
ECS220K	22	±10%	60	9.9	0.90	410	2.52
ECS270K	27	±10%	50	7.6	1.00	390	2.52
ECS330K	33	±10%	50	6.5	1.10	370	2.52
ECS390K	39	±10%	50	6.5	1.20	350	2.52
ECS470K	47	±10%	45	6.3	1.30	340	2.52
ECS560K	56	±10%	45	6.2	1.50	320	2.52
ECS680K	68	±10%	40	5.7	1.80	305	2.52
ECS820K	82	±10%	35	5.3	2.00	290	2.52
ECS101K	100	±10%	30	4.8	2.50	275	2.52
ECS121K	120	±10%	60	3.8	3.00	185	0.796
ECS151K	150	±10%	60	3.5	4.00	175	0.796
ECS181K	180	±10%	60	3.0	4.50	165	0.796
ECS221K	220	±10%	60	2.8	5.00	155	0.796
ECS271K	270	±10%	60	2.6	6.00	145	0.796
ECS331K	330	±10%	60	2.4	6.50	137	0.796
ECS391K	390	±10%	55	2.0	7.50	133	0.796
ECS471K	470	±10%	50	1.8	8.50	126	0.796
ECS561K	560	±10%	50	1.6	9.50	120	0.796
ECS681K	680	±10%	45	1.6	12.00	113	0.796
ECS821K	820	±10%	45	1.4	14.00	105	0.796
ECS102K	1000	±10%	40	1.2	20.00	100	0.796
ECS122K	1200	±10%	30	0.7	32.50	90	0.252
ECS152K	1500	±10%	30	0.6	37.00	50	0.252
ECS182K	1800	±10%	30	0.5	41.00	40	0.252
ECS222K	2200	±10%	30	0.4	45.00	30	0.252

Specifications are subject to change without notice.



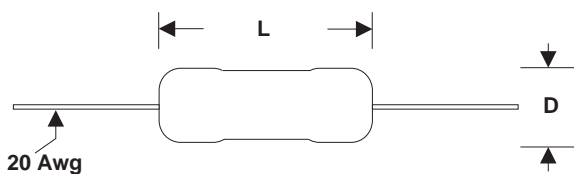
Power Line Chokes

PCL and PCS Series



General Specifications

Inductance Range: 3.9 μ H to 100,000 μ H
 Inductance Tolerance: \pm 10%, Standard
 (\pm 5% Optional)
 Test Frequency: 1 KHz
 Saturation Current: Lowers inductance by 10%
 Temperature Rating: -55°C to +100°C
 Encapsulation: PVC Shrink Tubing
 (Polyolefin Tubing Optional)



Series	L	D	Lead Length
PCL	0.92" max	0.47" max	1.20" nom.
PCS	0.60" max	0.26" max	1.20" nom.

PCL Series

Part Number	Ind. [μ H]	DCR [Max] [Ohms]	INCR,I [DC,A]	Rated I, AC [Max]
PCL-3R9K	3.9	.007	15.5	4
PCL-4R7K	4.7	.008	13.9	4
PCL-5R6K	5.6	.011	12.6	4
PCL-6R8K	6.8	.011	11.6	4
PCL-8R2K	8.2	.013	9.89	4
PCL-100K	10	.017	8.70	4
PCL-120K	12	.019	8.21	4
PCL-150K	15	.022	7.34	4
PCL-180K	18	.023	6.64	4
PCL-220K	22	.026	6.07	4
PCL-270K	27	.027	5.36	4
PCL-330K	33	.032	4.82	4
PCL-390K	39	.033	4.36	4
PCL-470K	47	.035	3.98	4
PCL-560K	56	.037	3.66	3.2
PCL-680K	68	.047	3.31	2.5
PCL-820K	82	.060	3.10	2.0
PCL-101K	100	.090	2.79	1.6
PCL-121K	120	.113	2.54	1.6
PCL-151K	150	.129	2.22	1.6
PCL-181K	180	.150	1.98	1.6
PCL-221K	220	.162	1.89	1.6
PCL-271K	270	.208	1.63	1.6
PCL-331K	330	.212	1.51	1.6
PCL-391K	390	.281	1.39	1.6
PCL-471K	470	.380	1.24	1.2
PCL-561K	560	.420	1.17	1.0
PCL-681K	680	.548	1.05	1.0
PCL-821K	820	.655	.97	.8
PCL-102K	1000	.844	.87	.8
PCL-122K	1200	1.04	.79	.6
PCL-152K	1500	1.18	.70	.6
PCL-182K	1800	1.56	.64	.6
PCL-222K	2200	2.00	.58	.5
PCL-272K	2700	2.06	.53	.4
PCL-332K	3300	2.63	.47	.4
PCL-392K	3900	2.75	.43	.4
PCL-472K	4700	3.19	.39	.4
PCL-562K	5600	3.92	.359	.315
PCL-682K	6800	5.69	.322	.250
PCL-822K	8200	6.32	.293	.250
PCL-103K	10000	7.30	.266	.250
PCL-333K	33000	25.70	.146	.125
PCL-683K	68000	57.30	.101	.082
PCL-104K	100000	89.00	.081	.065

PCS Series

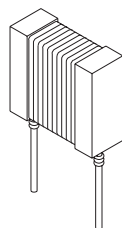
Part Number	Ind. [μ H]	DCR [Max] [Ohms]	INCR,I [DC,A]	Rated I, AC [Max]
PCS-3R9K	3.9	.019	7.3	1.28
PCS-4R7K	4.7	.022	6.3	1.28
PCS-5R6K	5.6	.024	5.6	1.28
PCS-6R8K	6.8	.026	5.3	1.28
PCS-8R2K	8.2	.028	4.5	1.28
PCS-100K	10	.033	4.1	1.28
PCS-120K	12	.037	3.6	1.28
PCS-150K	15	.040	3.3	1.28
PCS-180K	18	.044	3.0	1.28
PCS-220K	22	.050	2.7	1.28
PCS-270K	27	.056	2.5	1.28
PCS-330K	33	.076	2.2	1.00
PCS-390K	39	.094	2.0	.804
PCS-470K	47	.109	1.8	.804
PCS-560K	56	.140	1.7	.804
PCS-680K	68	.131	1.5	.804
PCS-820K	82	.152	1.4	.804
PCS-101K	100	.208	1.2	.632
PCS-121K	120	.283	1.1	.508
PCS-151K	150	.340	1.0	.508
PCS-181K	180	.362	.95	.508
PCS-221K	220	.430	.86	.508
PCS-271K	270	.557	.77	.400
PCS-331K	330	.665	.70	.400
PCS-391K	390	.772	.64	.400
PCS-471K	470	1.15	.59	.315
PCS-561K	560	1.27	.54	.315
PCS-681K	680	1.61	.49	.250
PCS-821K	820	1.96	.44	.200
PCS-102K	1000	2.30	.40	.200
PCS-122K	1200	2.65	.35	.200
PCS-152K	1500	3.45	.33	.158
PCS-182K	1800	4.03	.29	.158
PCS-222K	2200	4.48	.27	.158
PCS-272K	2700	5.40	.24	.125
PCS-332K	3300	6.56	.22	.125
PCS-392K	3900	8.63	.20	.100
PCS-472K	4700	9.66	.18	.100
PCS-562K	5600	13.9	.166	.082
PCS-682K	6800	16.3	.151	.082
PCS-822K	8200	20.8	.136	.065
PCS-103K	10000	26.4	.125	.050
PCS-123K	12000	29.9	.114	.050
PCS-153K	15000	42.5	.098	.039
PCS-183K	18000	48.3	.091	.039

Specifications are subject to change without notice.



Flat Coil

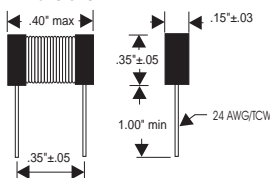
FC Series



General Specifications

Inductance Range: 1.0 μ H to 10,000 μ H
 Current Rating: Based on current flow temperature rise of 20° maximum at 80°C ambient temperature.
 Operating Temperature: -20°C to +10°C.
 Inductance Tolerance: \pm 10% over entire range.
 Terminal Strength: 5 lb. minimum

Dimensions



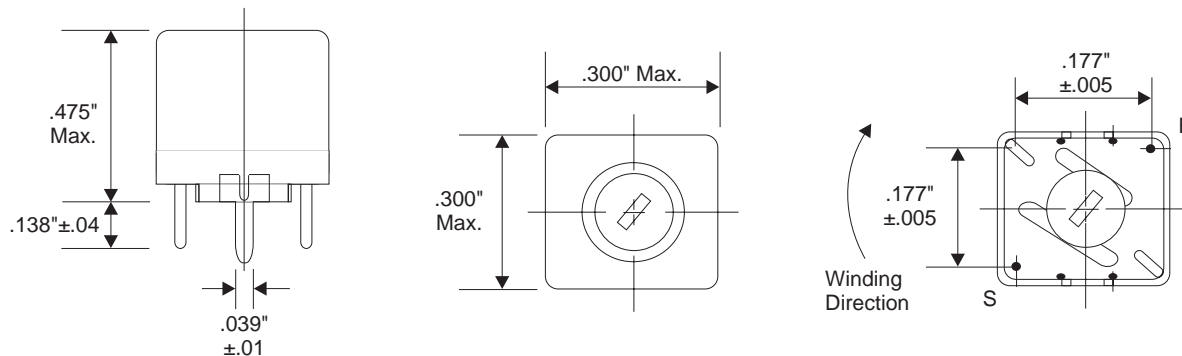
PART NUMBER	INDUCTANCE (μ H)	Q MIN.	TEST FREQ. (MHz)	DC RESISTANCE (Ohms)	RATED DC CURRENT MAX (A)
FC-1R0K	1.0	37	7.9	.015	7.0
FC-1R2K	1.2	39	7.9	.012	6.0
FC-1R5K	1.5	35	7.9	.014	5.0
FC-1R8K	1.8	37	7.9	.020	4.8
FC-2R2K	2.2	38	7.9	.025	4.4
FC-2R5K	2.5	40	7.9	.030	4.1
FC-2R7K	2.7	43	7.9	.028	4.0
FC-3R3K	3.3	35	7.9	.036	3.7
FC-3R9K	3.9	37	7.9	.050	3.4
FC-4R7K	4.7	37	7.9	.053	3.2
FC-5R0K	5.0	40	7.9	.080	2.9
FC-5R6K	5.6	38	7.9	.092	2.8
FC-6R8K	6.8	29	7.9	.113	2.6
FC-7R6K	7.6	30	7.9	.110	2.5
FC-8R2K	8.2	32	7.9	.116	2.2
FC-100K	10	80	7.9	.190	2.1
FC-120K	12	40	2.5	.140	2.0
FC-150K	15	40	2.5	.158	1.6
FC-180K	18	40	2.5	.180	1.6
FC-220K	22	40	2.5	.230	1.4
FC-250K	25	50	2.5	.500	1.3
FC-270K	27	50	2.5	.285	1.3
FC-330K	33	45	2.5	.346	1.2
FC-390K	39	45	2.5	.371	1.1
FC-470K	47	45	2.5	.502	1.03
FC-500K	50	40	2.5	.600	1.00
FC-560K	56	40	2.5	.687	.95
FC-680K	68	40	2.5	.808	.90
FC-750K	75	40	2.5	1.200	.86
FC-820K	82	50	2.5	1.200	.86
FC-101K	100	80	.79	1.600	.70
FC-121K	120	70	.79	1.725	.65
FC-151K	150	70	.79	1.855	.60
FC-181K	180	70	.79	2.070	.58
FC-221K	220	50	.79	2.105	.49
FC-251K	250	40	.79	2.700	.49
FC-271K	270	50	.79	2.530	.45
FC-331K	330	50	.79	3.335	.41
FC-391K	390	45	.79	3.450	.39
FC-471K	470	40	.79	5.290	.35
FC-501K	500	35	.79	5.300	.34
FC-561K	560	40	.79	5.405	.32
FC-681K	680	45	.79	5.930	.29
FC-751K	750	30	.79	5.950	.28
FC-821K	820	40	.79	6.325	.27
FC-102K	1000	70	.25	8.600	.21
FC-122K	1200	70	.25	10.00	.21
FC-152K	1500	62	.25	14.26	.19
FC-182K	1800	62	.25	15.76	.17
FC-222K	2200	60	.25	17.70	.15
FC-252K	2500	60	.25	18.00	.14
FC-272K	2700	60	.25	19.10	.14
FC-332K	3300	50	.25	21.74	.13
FC-392K	3900	50	.25	26.00	.12
FC-472K	4700	50	.25	28.00	.11
FC-602K	6000	35	.25	31.00	.10
FC-752K	7500	25	.25	50.00	.08
FC-103K	10000	25	.25	70.00	.07

Specifications are subject to change without notice.



Variable Shielded Inductors

VL01 and VL02 Series



Wire: AWG #24 TCW
 Core: 6-32 (.129 x 32 TPI) Captive Slot
 Testing:

1. Inductance and Q measured on Q meter HP4342A. Attach 1/2" AWG #16 TCW soldered along full length of the coil leads. Then bend 1/4" down from bottom of stand of f at an angle of 90°.
2. Inductance min. is measured with core flush to top of form.
3. All inductance values greater than 0.1μH read at recommended Q meter frequency.

VL01 Series

Part Number	Ind. [Min] [μH]	Ind. [Nom] [μH]	Ind. [Max] [μH]	Min. Q @ Ind. [Nom]	Color
VL01-02	.038	.039	.0395	65 @ 50 MHz	Brown
VL01-04	.051	.054	.056	70 @ 50 MHz	Red
VL01-06	.071	.076	.081	77 @ 50 MHz	Orange
VL01-08	.086	.095	.104	80 @ 50 MHz	Yellow
VL01-10	.107	.115	.123	78 @ 50 MHz	Green
VL01-12	.125	.134	.143	80 @ 50 MHz	Blue
VL01-14	.150	.156	.162	80 @ 50 MHz	Violet

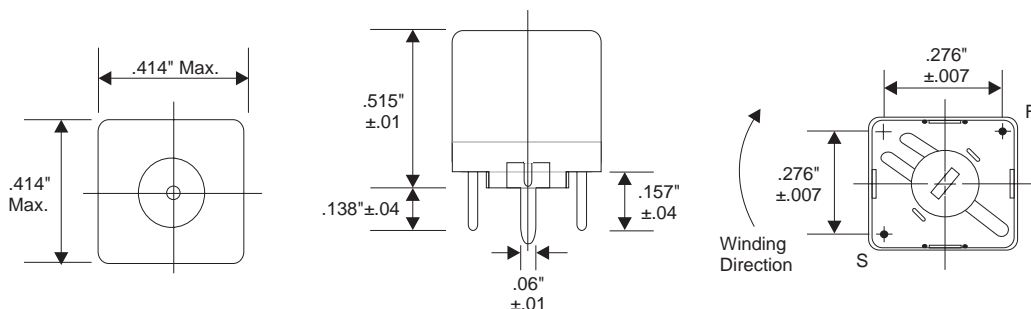
VL02 Series

Part Number	Ind. [Min] [μH]	Ind. [Nom] [μH]	Ind. [Max] [μH]	Min. Q @ Ind. [Nom]	Color
VL02-02	.037	.038	.039	76 @ 50 MHz	Brown
VL02-04	.054	.058	.063	78 @ 50 MHz	Red
VL02-06	.080	.085	.090	78 @ 50 MHz	Orange
VL02-08	.100	.110	.120	78 @ 50 MHz	Yellow
VL02-10	.120	.135	.150	76 @ 50 MHz	Green
VL02-12	.142	.163	.184	72 @ 50 MHz	Blue
VL02-14	.172	.194	.216	68 @ 50 MHz	Violet
VL02-16	.200	.224	.248	66 @ 50 MHz	Gray
VL02-18	.234	.260	.284	60 @ 50 MHz	White
VL02-20	.260	.288	.315	56 @ 50 MHz	Black



Variable Shielded Inductors

VL03, VL04, and VL05 Series



Wire: AWG #22 Single Polyurethane
 Core: 10-32 (180 x 32 TPI) Hex Hole
 Testing:

1. Q & L readings taken on HP 4342A Q meter with 1/2" long of AWG #16 TCW soldered along the coil leads and with one end flush with the bottom of the coil. Then bent 1/4" down from stand off at an angle of 90°.
2. L min measured with core halfway out top of form.
3. All L values greater than 0.1µH read at recommended Q meter frequency.
4. All L values below 0.1µH calculated from readings taken at 50 MHz.

VL03, VL04, VL05 Series

Part Number	Ind. [Min] [µH]	Ind. [Nom] [µH]	Ind. [Max] [µH]	Min. Q @ Ind. [Nom]	Color
VL03-02	.042	.044	.045	-----	Brown
VL03-04	.064	.070	.074	-----	Red
VL03-06	.115	.117	.120	-----	Orange
VL03-08	.147	.156	.160	88 @ 40 MHz	Yellow
VL03-10	.182	.197	.205	86 @ 40 MHz	Green
VL03-12	.220	.240	.248	85 @ 40 MHz	Blue
VL03-14	.259	.280	.290	80 @ 40 MHz	Violet
VL03-16	.299	.322	.337	77 @ 40 MHz	Gray
VL03-18	.338	.363	.377	80 @ 40 MHz	White
VL03-20	.382	.410	.422	82 @ 40 MHz	Black
VL04-02	.043	.045	.047	-----	Brown
VL04-04	.070	.074	.078	-----	Red
VL04-06	.092	.099	.106	-----	Orange
VL04-08	.111	.122	.133	-----	Yellow
VL04-10	.132	.149	.165	-----	Green
VL04-12	.154	.175	.196	105 @ 40 MHz	Blue
VL04-14	.176	.200	.223	104 @ 40 MHz	Violet
VL04-16	.202	.226	.250	97 @ 40 MHz	Gray
VL04-18	.239	.256	.274	104 @ 40 MHz	White
VL04-20	.270	.282	.295	93 @ 40 MHz	Black
VL05-02	.315	.369	.423	80 @ 40 MHz	White
VL05-04	.355	.416	.477	82 @ 40 MHz	Black
VL05-06	.396	.468	.540	78 @ 40 MHz	Brown
VL05-08	.433	.509	.585	80 @ 40 MHz	Red
VL05-10	.475	.556	.637	80 @ 40 MHz	Orange
VL05-12	.515	.604	.693	78 @ 40 MHz	Yellow
VL05-14	.583	.660	.738	80 @ 40 MHz	Green
VL05-16	.638	.720	.801	76 @ 40 MHz	Blue
VL05-18	.693	.770	.846	76 @ 40 MHz	Violet
VL05-20	.754	.814	.874	82 @ 40 MHz	Gray
VL05-22	.792	.846	.900	80 @ 40 MHz	White
VL05-24	.847	.896	.945	74 @ 40 MHz	Black