

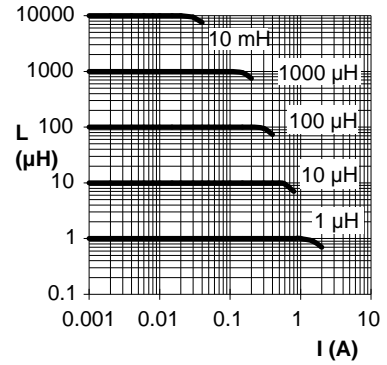
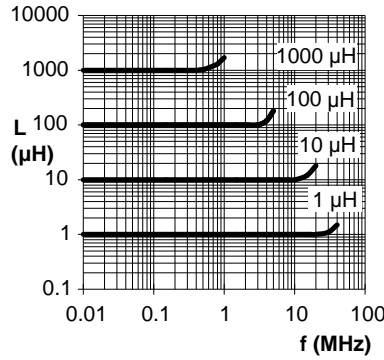
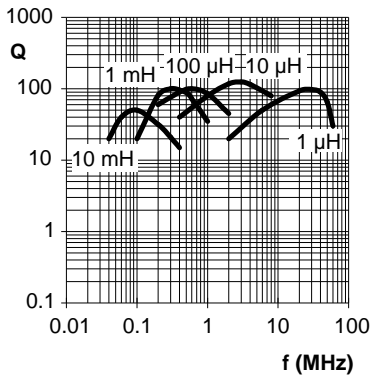
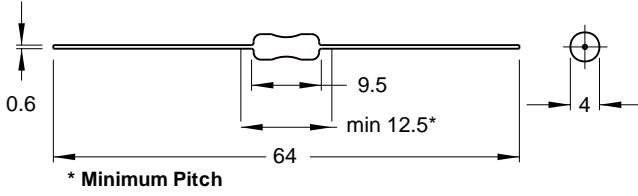
Leaded RF Inductors



Series

SMall Choke Coil

SMCC
SMCC/N



Ordering Code	L (μH)	SMCC	SMCC/N	Tol. (%)	Q min	f _α (MHz)	SRF min (MHz)	DC Res. max (Ω)	Rated DC Current (mA)	Material
		f _L (MHz)	f _L (MHz)							
SMCC-R10M-00	0.10	1.0	25.2	± 20	45	25.2	380	0.08	1600	1) Phenolic
SMCC-R12M-00	0.12						360	0.10	1550	
SMCC-R15M-00	0.15						340	0.10	1500	
SMCC-R18M-00	0.18						320	0.10	1480	
SMCC-R22M-00	0.22						300	0.10	1450	
SMCC-R27M-00	0.27						270	0.11	1400	
SMCC-R33M-00	0.33						250	0.12	1350	
SMCC-R39M-00	0.39						230	0.13	1300	
SMCC-R47M-00	0.47						220	0.14	1280	
SMCC-R56M-00	0.56						210	0.15	1240	
SMCC-R68M-00	0.68	200	0.16	1230	Ferrite					
SMCC-R82M-00	0.82	190	0.17	1210						
SMCC-1R0K-00	1.00	205	0.16	1200						
SMCC-1R2K-00	1.20	7.96	± 10	50		185	0.18	1150		
SMCC-1R5K-00	1.50			55		165	0.20	1100		
SMCC-1R8K-00	1.80			55		155	0.22	1030		
SMCC-2R2K-00	2.20	7.96	± 10	60		140	0.25	1000		
SMCC-2R7K-00	2.70					125	0.26	940		
SMCC-3R3K-00	3.30					115	0.29	900		
SMCC-3R9K-00	3.90					105	0.31	850		
SMCC-4R7K-00	4.70	95.0	0.34	820						
SMCC-5R6K-00	5.60	85.0	0.38	780						

1) Low Cost version available in ferrite material

Leaded RF Inductors



Series

SMCC SMCC/N

Ordering Code	L (μ H)	SMCC	SMCC/N	Tol. (%)	Q min	f _Q (MHz)	SRF min (MHz)	DC Res. max (Ω)	Rated DC Current (mA)	Material
		f _L (MHz)	f _L (MHz)							
SMCC-6R8K-00	6.80						75.0	0.51	670	Ferrite
SMCC-8R2K-00	8.20	1.0	7.96		65	7.96	50.0	0.48	690	
SMCC-100K-00	10.0						35.0	0.49	680	
SMCC-120K-00	12.0						30.0	0.55	650	
SMCC-150K-00	15.0			± 10	50		20.0	0.60	610	
SMCC-180K-00	18.0						17.0	0.67	580	
SMCC-220K-00	22.0						13.0	0.74	560	
SMCC-270K-00	27.0						10.0	0.83	530	
SMCC-330K-00	33.0		2.52		55	2.52	9.00	0.92	500	
SMCC-390K-00	39.0						8.00	1.02	470	
SMCC-470J-00	47.0						7.50	1.10	450	
SMCC-560J-00	56.0				40		7.00	1.23	430	
SMCC-680J-00	68.0						6.50	1.35	410	
SMCC-820J-00	82.0				35		6.00	1.54	390	
SMCC-101J-00	100				30		5.00	1.70	370	
SMCC-121J-00	120						4.50	2.40	300	
SMCC-151J-00	150						4.20	2.80	280	
SMCC-181J-00	180						3.90	3.00	270	
SMCC-221J-00	220				70		3.70	3.30	250	
SMCC-271J-00	270						2.80	5.70	200	
SMCC-331J-00	330	0.02	0.79			0.79	2.70	6.40	190	
SMCC-391J-00	390						2.40	7.00	180	
SMCC-471J-00	470						2.20	7.90	170	
SMCC-561J-00	560				60		2.00	8.80	160	
SMCC-681J-00	680			± 5	55		1.90	10.0	150	
SMCC-821J-00	820						1.60	12.0	140	
SMCC-102J-00	1000				50		1.60	14.0	130	
SMCC-122J-00	1200						1.30	16.9	120	
SMCC-152J-00	1500						1.25	21.6	100	
SMCC-182J-00	1800						1.20	24.0	95	
SMCC-222J-00	2200						1.10	34.7	80	
SMCC-272J-00	2700				40		1.00	40.0	75	
SMCC-332J-00	3300		0.25			0.25	0.90	59.5	62	
SMCC-392J-00	3900						0.80	66.0	59	
SMCC-472J-00	4700						0.70	74.0	55	
SMCC-562J-00	5600						0.55	70.0	40	
SMCC-682J-00	6800				30		0.50	85.0	35	
SMCC-822J-00	8200						0.40	95.0	30	
SMCC-103J-00	10000				20		0.35	115.0	25	