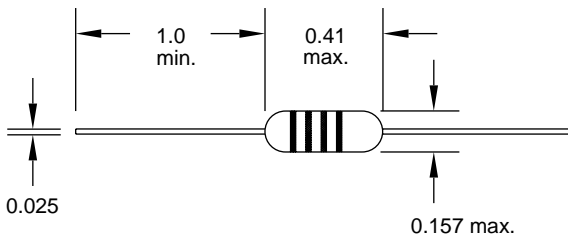


# Conformal Coated RF Chokes

## Special Features

- High current, Q & self-resonant frequency
- Low DCR
- Ferrite bobbin core
- Epoxy coated to protect winding from harsh environments
- Low cost
- Color bands identification
- Dielectric strength 500Vrms
- Operating temperature -55 to +105°C
- Current to cause 35°C maximum temperature rise



77F Series						
Part Number	L (uH) ±10%	Q Min.	Test Freq. (MHz)	SRF (MHz) Min.	DCR (Ω) Max.	I, DC (mA)
77F1R0K	1.0	45	25.2	157	0.17	920
77F1R2K	1.2	50	7.96	144	0.21	880
77F1R5K	1.5	50	7.96	131	0.23	830
77F1R8K	1.8	55	7.96	121	0.25	790
77F2R2K	2.2	55	7.96	110	0.28	750
77F2R7K	2.7	60	7.96	100	0.30	720
77F3R3K	3.3	65	7.96	94	0.34	670
77F3R9K	3.9	65	7.96	86	0.37	640
77F4R7K	4.7	70	7.96	80	0.39	620
77F5R6K	5.6	70	7.96	74	0.43	590
77F6R8K	6.8	75	7.96	68	0.48	550
77F8R2K	8.2	80	7.96	53	0.52	530
77F100K	10	85	2.52	45	0.58	500
77F120K	12	75	2.52	34	0.63	480
77F150K	15	70	2.52	20	0.72	460
77F180K	18	65	2.52	14	0.77	430
77F220K	22	60	2.52	9.9	0.84	410
77F270K	27	55	2.52	7.6	0.94	390
	±5%					
77F330J	33	55	2.52	6.3	1.03	370
77F390J	39	50	2.52	6.3	1.12	350
77F470J	47	45	2.52	6.3	1.22	340
77F560J	56	40	2.52	6.2	1.34	320
77F680J	68	40	2.52	5.7	1.47	305
77F820J	82	35	2.52	5.3	1.62	290
77F101J	100	30	0.796	4.8	1.80	275
77F120J	120	70	0.796	3.8	3.70	185
77F151J	150	70	0.796	3.5	4.20	175
77F181J	180	70	0.796	3.3	4.60	165
77F221J	220	70	0.796	3.0	5.10	155
77F271J	270	65	0.796	2.8	5.80	145
77F331J	330	65	0.796	2.6	6.40	137
77F391J	390	65	0.796	2.4	7.00	133
77F471J	470	60	0.796	2.25	7.70	126
77F561J	560	60	0.796	2.1	8.50	120
77F681J	680	55	0.796	1.95	9.40	113
77F821J	820	55	0.796	1.85	10.5	105
77F102J	1000	50	0.796	1.40	14.0	100

**J.W. Miller**  
MAGNETICS

306 E. Alondra Blvd., Gardena, CA 90247-1059 • (310) 515-1720 • FAX (310) 515-1962

[www.jwmiller.com](http://www.jwmiller.com)