

Conformal Coated RF Chokes

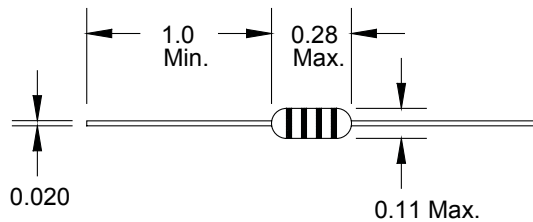
Special Features

- High Q & self resonant frequency
- Low DCR
- Ferrite bobbin core
- Epoxy coated to protect winding form harsh environments
- Low cost
- Color bands identification (Per EIA Standard)
- Dielectric strength 500 Vrms
- Operating temperature -55 to +105 °C

Notes

* Current to cause 35 °C max. temperature rise

† RoHS Directive 2002/95/EC Jan 27 2003 including Annex.



Dimensions: Inches

78F Series						
Part Number	L (μH) ±20 %	Q Min.	Test Freq. (MHz)	SRF (MHz) Min.	DCR Ω Max.	I, DC* (mA)
78FR033M-RC	0.033	50	50	400	0.02	500
78FR10M-RC	0.10	40	25	400	0.06	500
78FR12M-RC	0.12	40	25	400	0.06	500
78FR15M-RC	0.15	40	25	400	0.07	500
78FR18M-RC	0.18	40	25	400	0.08	450
±10 %						
78FR22K-RC	0.22	40	25	380	0.08	1025
78FR27K-RC	0.27	40	25	360	0.08	950
78FR33K-RC	0.33	40	25	350	0.08	815
78FR39K-RC	0.39	40	25	320	0.09	700
78FR47K-RC	0.47	40	25	330	0.10	650
78FR56K-RC	0.56	40	25	280	0.11	545
78FR68K-RC	0.68	40	25	250	0.12	495
78FR82K-RC	0.82	40	25	200	0.12	415
78F1R0K-RC	1.0	40	25	180	0.15	385
78F1R2K-RC	1.2	40	7.9	165	0.18	590
78F1R5K-RC	1.5	45	7.9	150	0.20	535
78F1R8K-RC	1.8	50	7.9	125	0.25	455
78F2R2K-RC	2.2	50	7.9	110	0.28	395
78F2R7K-RC	2.7	50	7.9	95	0.30	355
±5 %						
78F3R3J-RC	3.3	50	7.9	70	0.34	270
78F3R9J-RC	3.9	45	7.9	65	0.32	250
78F4R7J-RC	4.7	45	7.9	50	0.35	230
78F5R6J-RC	5.6	45	7.9	40	0.40	185
78F6R8J-RC	6.8	40	7.9	30	0.45	175
78F8R2J-RC	8.2	40	7.9	28	0.55	155
78F100J-RC	10	40	7.9	22	0.72	130
78F120J-RC	12	45	2.5	20	0.80	155
78F150J-RC	15	50	2.5	16	0.88	150
78F180J-RC	18	50	2.5	15	1.00	145
78F220J-RC	22	50	2.5	13	1.20	140
78F270J-RC	27	50	2.5	11	1.35	135
78F330J-RC	33	50	2.5	10	1.50	195
78F390J-RC	39	50	2.5	9.5	1.70	185
78F470J-RC	47	60	2.5	8.5	2.30	167
78F560J-RC	56	60	2.5	7.5	2.60	150
78F680J-RC	68	60	2.5	6.5	2.90	137
78F820J-RC	82	60	2.5	6.0	3.20	132
78F101J-RC	100	60	2.5	5.5	3.50	125
78F121J-RC	120	60	0.79	5.4	3.80	100
78F151J-RC	150	60	0.79	4.7	4.40	90
78F181J-RC	180	60	0.79	4.3	5.00	84
78F221J-RC	220	60	0.79	4.0	5.70	76
78F271J-RC	270	60	0.79	3.7	6.50	70
78F331J-RC	330	60	0.79	3.4	9.50	65
78F391J-RC	390	60	0.79	2.8	10.5	60
78F471J-RC	470	60	0.79	2.5	11.6	53
78F561J-RC	560	60	0.79	2.3	13.0	51
78F681J-RC	680	60	0.79	2.0	18.0	45
78F821J-RC	820	60	0.79	1.5	23.0	43
78F102J-RC	1000	60	0.79	1.2	26.0	41

"-RC" suffix indicates RoHS compliance.