



Features

- Current rating up to 0.7 A
- Dielectric strength: 500 VRMS
- RoHS compliant*

Applications

- DC/DC converters
- Power supplies
- General use

79F Series - Axial RF Choke

Electrical Specifications (@ 25 °C)

Part Number	Value (μ H)	Q Min.	Test Frequency (MHz)	SRF (MHz) Min.	DCR Ω Max.	IDC (mA) Max.
79FR10K-RC	0.10 $\pm$ 10 %	35	25	300	0.180	700
79FR12K-RC	0.12 $\pm$ 10 %	35	25	300	0.200	660
79FR15K-RC	0.15 $\pm$ 10 %	35	25	300	0.220	620
79FR18K-RC	0.18 $\pm$ 10 %	35	25	300	0.240	600
79FR22K-RC	0.22 $\pm$ 10 %	35	25	150	0.400	400
79FR27K-RC	0.27 $\pm$ 10 %	35	25	150	0.430	380
79FR33K-RC	0.33 $\pm$ 5 %	35	25	150	0.480	370
79FR39K-RC	0.39 $\pm$ 5 %	35	25	150	0.51	350
79FR47K-RC	0.47 $\pm$ 5 %	35	25	150	0.56	330
79FR56K-RC	0.56 $\pm$ 5 %	35	25	150	0.61	320
79FR68K-RC	0.68 $\pm$ 5 %	35	25	150	0.67	310
79FR82K-RC	0.82 $\pm$ 5 %	35	25	150	0.74	290
79F1R0K-RC	1.0 $\pm$ 5 %	35	25	150	0.80	270
79F1R2K-RC	1.2 $\pm$ 5 %	40	7.9	110	0.90	260
79F1R5K-RC	1.5 $\pm$ 5 %	40	7.9	70	1.00	250
79F1R8K-RC	1.8 $\pm$ 5 %	40	7.9	60	1.10	240
79F2R2K-RC	2.2 $\pm$ 5 %	40	7.9	45	1.20	230
79F2R7K-RC	2.7 $\pm$ 5 %	40	7.9	40	1.30	220
79F3R3K-RC	3.3 $\pm$ 5 %	40	7.9	38	1.40	210
79F3R9K-RC	3.9 $\pm$ 5 %	40	7.9	36	1.50	200
79F4R7K-RC	4.7 $\pm$ 5 %	40	7.9	30	1.70	190
79F5R6K-RC	5.6 $\pm$ 5 %	40	7.9	28	1.90	180
79F6R8K-RC	6.8 $\pm$ 5 %	40	7.9	26	2.00	175
79F8R2K-RC	8.2 $\pm$ 5 %	40	7.9	24	2.20	165
79F100J-RC	10 $\pm$ 5 %	40	7.9	22	2.40	160
79F120J-RC	12 $\pm$ 5 %	40	2.5	20	2.80	150
79F150J-RC	15 $\pm$ 5 %	40	2.5	18	2.80	145
79F180J-RC	18 $\pm$ 5 %	40	2.5	17	3.10	140
79F220J-RC	22 $\pm$ 5 %	40	2.5	16	3.40	100
79F270J-RC	27 $\pm$ 5 %	40	2.5	14	4.30	80
79F330J-RC	33 $\pm$ 5 %	40	2.5	13.5	4.70	75
79F390J-RC	39 $\pm$ 5 %	40	2.5	13.00	5.20	74
79F470J-RC	47 $\pm$ 5 %	40	2.5	12.00	5.80	70
79F560J-RC	56 $\pm$ 5 %	40	2.5	11.00	6.40	68
79F680J-RC	68 $\pm$ 5 %	40	2.5	10.00	7.20	64
79F820J-RC	82 $\pm$ 5 %	40	2.5	9.50	11.00	46
79F101J-RC	100 $\pm$ 5 %	40	2.5	9.00	12.00	44
79F121J-RC	120 $\pm$ 5 %	40	0.79	8.00	13.00	42
79F151J-RC	150 $\pm$ 5 %	40	0.79	6.00	16.00	39
79F181J-RC	180 $\pm$ 5 %	40	0.79	5.00	18.00	37
79F221J-RC	220 $\pm$ 5 %	40	0.79	5.00	20.00	35

General Specifications

Temperature Rise35 °C
at rated current
Operating Temperature Range
.....-55 °C to +105 °C
(including temperature rise)
Storage Temperature Range
.....-55 °C to +105 °C

Materials

Core MaterialFerrite DR core
WireEnamelled copper wire
TerminalCu/Ni/Sn
Coating.....Epoxy resin

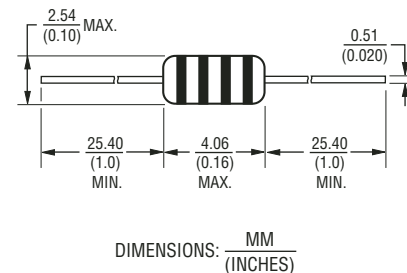
Marking - EIA Color Code

1st ColorFirst significant figure
2nd Color.....Second significant figure
3rd ColorMultiplier
4th Color.....Tolerance

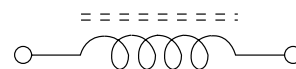
Packaging

.....2000 pcs. per ammo-pak box

Product Dimensions



Electrical Schematic



79F Series - Axial RF Choke

BOURNS®

How To Order

Model _____ **79F 100 K -TR - RC**
Value Code (see table) _____
Tolerance Code (see table) _____
Packaging _____
-TR = 2,000 pcs./ammo-pak box
RoHS Compliant _____



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Specifications are subject to change without notice.
Customers should verify actual device performance in their specific applications.