



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 (μH)	Q Min.	Test Frequency (MHz)	SRF (MHz) Min.	DCR Ω Max.	IDC (mA) Max.
79FR10K-RC	0.10 ±10 %	35	25	300	0.180	700
79FR12K-RC	0.12 ±10 %	35	25	300	0.200	660
79FR15K-RC	0.15 ±10 %	35	25	300	0.220	620
79FR18K-RC	0.18 ±10 %	35	25	300	0.240	600
79FR22K-RC	0.22 ±10 %	35	25	150	0.400	400
79FR27K-RC	0.27 ±10 %	35	25	150	0.430	380
79FR33K-RC	0.33 ±5 %	35	25	150	0.480	370
79FR39K-RC	0.39 ±5 %	35	25	150	0.51	350
79FR47K-RC	0.47 ±5 %	35	25	150	0.56	330
79FR56K-RC	0.56 ±5 %	35	25	150	0.61	320
79FR68K-RC	0.68 ±5 %	35	25	150	0.67	310
79FR82K-RC	0.82 ±5 %	35	25	150	0.74	290
79F1R0K-RC	1.0 ±5 %	35	25	150	0.80	270
79F1R2K-RC	1.2 ±5 %	40	7.9	110	0.90	260
79F1R5K-RC	1.5 ±5 %	40	7.9	70	1.00	250
79F1R8K-RC	1.8 ±5 %	40	7.9	60	1.10	240
79F2R2K-RC	2.2 ±5 %	40	7.9	45	1.20	230
79F2R7K-RC	2.7 ±5 %	40	7.9	40	1.30	220
79F3R3J-RC	3.3 ±5 %	40	7.9	38	1.40	210
79F3R9J-RC	3.9 ±5 %	40	7.9	36	1.50	200
79F4R7J-RC	4.7 ±5 %	40	7.9	30	1.70	190
79F5R6J-RC	5.6 ±5 %	40	7.9	28	1.90	180
79F6R8J-RC	6.8 ±5 %	40	7.9	26	2.00	175
79F8R2J-RC	8.2 ±5 %	40	7.9	24	2.20	165
79F100J-RC	10 ±5 %	40	7.9	22	2.40	160
79F120J-RC	12 ±5 %	40	2.5	20	2.80	150
79F150J-RC	15 ±5 %	40	2.5	18	2.80	145
79F180J-RC	18 ±5 %	40	2.5	17	3.10	140
79F220J-RC	22 ±5 %	40	2.5	16	3.40	100
79F270J-RC	27 ±5 %	40	2.5	14	4.30	80
79F330J-RC	33 ±5 %	40	2.5	13.5	4.70	75
79F390J-RC	39 ±5 %	40	2.5	13.00	5.20	74
79F470J-RC	47 ±5 %	40	2.5	12.00	5.80	70
79F560J-RC	56 ±5 %	40	2.5	11.00	6.40	68
79F680J-RC	68 ±5 %	40	2.5	10.00	7.20	64
79F820J-RC	82 ±5 %	40	2.5	9.50	11.00	46
79F101J-RC	100 ±5 %	40	2.5	9.00	12.00	44
79F121J-RC	120 ±5 %	40	0.79	8.00	13.00	42
79F151J-RC	150 ±5 %	40	0.79	6.00	16.00	39
79F181J-RC	180 ±5 %	40	0.79	5.00	18.00	37
79F221J-RC	220 ±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
 CoatingEpoxy resin

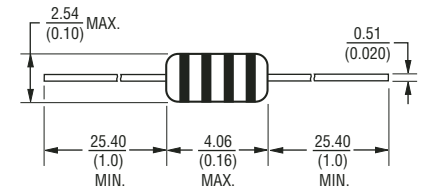
Marking - EIA Color Code

1st ColorFirst significant figure
 2nd ColorSecond significant figure
 3rd ColorMultiplier
 4th ColorTolerance

Packaging

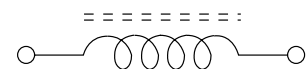
.....2000 pcs. per ammo-pak box

Product Dimensions



DIMENSIONS: $\frac{\text{MM}}{\text{(INCHES)}}$

Electrical Schematic



*RoHS Directive 2002/95/EC Jan 27 2003 including Annex
 Specifications are subject to change without notice.
 Customers should verify actual device performance in their specific applications.

79F Series - Axial RF Choke

BOURNS®

How To Order

79F 100 K -TR - RC

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



Asia-Pacific:

Tel: +886-2 2562-4117 • Fax: +886-2 2562-4116

Europe:

Tel: +41-41 768 5555 • Fax: +41-41 768 5510

The Americas:

Tel: +1-951 781-5500 • Fax: +1-951 781-5700

www.bourns.com

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