

JAMECO ValuePro

## Conformal Coated RF Chokes

### 5300 Series Equivalents

- High current and high self-resonant frequency
- Low DCR
- Epoxy coated to protect winding from harsh environments
- Low cost

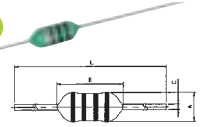


Part No.	Cross Ref. No.	L ±10% (µH)	Res. Freq. Min. (MHz)	DCR Max. (Ω)	Current Max. (mA)	Pricing		
						1	10	100
644332CG	5300-03	1.5	160.0	0.019	3300	\$1.29	\$1.16	\$1.00
644341CG	5300-10	5.6	64.0	0.074	1600	1.29	1.16	1.00
644367CG	5300-13	10.0	25.0	0.095	1500	1.29	1.16	1.00
644375CG	5300-17	22.0	8.4	0.19	1000	1.29	1.16	1.00
642476CG	5300-19	33.0	7.6	0.24	910	1.29	1.16	1.00
642492CG	5300-25	100.0	3.9	0.67	550	1.29	1.16	1.00
642530CG	5300-33	470.0	1.4	3.4	240	1.29	1.16	.88

## Epoxy Conformal Coated Chokes

- Operating temperature: -25°C to +85°C
- Tolerance: 5%
- Size: A = 3.2mm max. B = 7.0mm max. C = 0.48±0.5mm (except P/N 208143CG: 0.50±0.5mm) D = 63±3mm

Quantity SAVE



Part No.	L (µH)	Q (min.)	Test. Freq. (MHz)	Res. Freq. Min. (MHz)	DCR Max. (Ω)	Max. DC Curr. (mA)	Pricing		
							1	10	100
208143CG	10	60	7.96	28.7	1.56	670	\$ .49	\$ .45	\$ .39
208151CG	27	50	2.52	10.2	2.39	410	.42	.34	.168
208160CG	33	50	2.52	8.4	2.71	380	.49	.45	.338
208178CG	47	50	2.52	6.9	3.3	330	.42	.341	.173
208186CG	82	45	2.52	5.4	4.62	240	.42	.213	.16
208194CG	100	45	2.52	5.0	4.98	240	.49	.45	.39
208207CG	220	45	0.796	3.3	9.23	180	.42	.341	.173
208215CG	330	45	0.796	2.7	13.2	140	.42	.213	.16
208223CG	470	45	0.796	2.2	21.4	120	.42	.341	.173
208231CG	820	45	0.796	1.7	28.4	90	.42	.213	.16
208240CG	1000	45	0.796	1.5	31.3	80	.49	.45	.39

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## Epoxy Conformal Coated RF Chokes

### 77F Series Equivalents

- High current and self-resonant frequency
- Low DCR
- Dielectric strength: 550Vrms
- Operating temp.: -55°C to +105°C
- Color bands identification
- Overall length: 2.41"
- Body length: 0.41"
- Lead length: 1.0"
- Body diameter: 0.157"



Part No.	Cross Ref. No.	L ±10% (µH)	SRF (MHz)	DCR Max. (Ω)	I (mA) Max.	Pricing		
						1	10	100
371995CG	77F6R8	6.8	68.0	0.48	550	\$ .43	\$ .39	\$ .32
372007CG	77F100	10.0	45.0	0.58	500	.43	.39	.32
372015CG	77F270	27.0	7.6	0.94	390	.43	.39	.32
372023CG	77F330	33.0	6.3	1.03	370	.43	.39	.32
372031CG	77F470	47.0	6.3	1.22	340	.43	.39	.32
372040CG	77F820	82.0	5.3	1.62	290	.43	.39	.32
372058CG	77F101	100.0	4.8	1.80	275	.43	.39	.32
372066CG	77F221	220.0	3.0	5.10	155	.43	.39	.32
372074CG	77F331	330.0	2.6	6.40	137	.43	.39	.32
372082CG	77F391	390.0	2.4	7.00	133	.43	.39	.32
372091CG	77F102	1000.0	1.4	14.0	100	.43	.39	.32

\* L (µH) ±5%

### 78F Series Equivalents

- High Q and self-resonant frequency
- Low DCR
- Dielectric strength: 500Vrms
- Color bands identification
- Operating temp.: -55°C to +105°C
- Overall length: 2.28"
- Body length: 0.28"
- Lead length: 1.0"
- Body diameter: 0.11"



Part No.	Cross Ref. No.	L ±10% (µH)	SRF (MHz)	DCR Max. (Ω)	I (mA) Max.	Pricing		
						1	10	100
372103CG	78FR68	0.68	250	0.12	495	\$ .42	\$ .26	\$ .173
372111CG	78F1R0	1.0	180	0.15	385	.42	.26	.173
372120CG	78F1R8	1.8	125	0.25	455	.42	.26	.173
372138CG	78F2R7	2.7	95	0.30	355	.42	.26	.173
372146CG	78F3R3	3.3	70	0.34	270	.42	.26	.173
372154CG	78F4R7	4.7	50	0.35	230	.42	.26	.173
372162CG	78F8R2	8.2	28	0.55	155	.42	.26	.173
372171CG	78F100	10.0	22	0.72	130	.42	.26	.173
372189CG	78F120	12.0	20	0.80	155	.42	.26	.173
372197CG	78F220	22.0	13	1.20	140	.42	.26	.173
372200CG	78F270	27.0	11	1.35	135	.42	.26	.173
372218CG	78F330	33.0	10	1.50	195	.42	.26	.173
372226CG	78F390	39.0	9.5	1.70	185	.42	.26	.173
372234CG	78F470	47.0	8.5	2.30	167	.42	.26	.173
372242CG	78F101	100.0	5.5	3.50	125	.42	.26	.173
372251CG	78F121	120.0	5.4	3.80	100	.42	.26	.173
372269CG	78F221	220.0	4.0	5.70	76	.42	.26	.173
372277CG	78F471	470.0	2.5	11.60	53	.42	.26	.173

\* L (µH) ±5%

## NTC Thermistors

- Typical applications: temperature measurement/control/compensation; power supply fan control; PCB temperature monitoring
- Operating temp.: -30°C ~ +130°C
- Maximum allowable power (@ 250°C): 0.55W
- Thermal dissipation factor: 6.5mW/°C (@ 250°C)
- Resistance value allowable difference: 10%

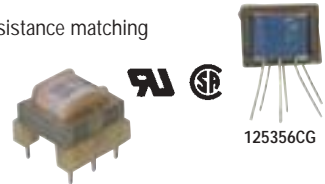


Blue Part No. = Limited Quantity Available

Part No.	Product No.	Resistance (Ω @ 25°C)	B Constant (25/50°C >10%)	Temp. Coef. @ 25°C (%/°C)	Pricing			
					1	10	100	500
207521CG	NTC-101	100	3100	-3.5	\$ .52	\$ .47	\$ .35	\$ .30
207511CG	NTC-201	200	3100	-3.5	.52	.47	.36	.34
207503CG	NTC-301	300	3100	-3.5	.52	.47	.35	.26
207491CG	NTC-501	500	3100	-3.5	.52	.47	.35	.26
207482CG	NTC-102	1k	3800	-4.3	.59	.49	.39	.32
207474CG	NTC-202	2k	3800	-4.3	.52	.47	.35	.26
207466CG	NTC-302	3k	3900	-4.4	.52	.47	.35	.26
207458CG	NTC-402	4k	3900	-4.4	.52	.47	.35	.26
207440CG	NTC-502	5k	3900	-4.4	.59	.49	.39	.32
207036CG	NTC-103	10k	4100	-4.6	.59	.49	.39	.32
207029CG	NTC-153	15k	4100	-4.6	.59	.49	.39	.32
207010CG	NTC-203	20k	4200	-4.7	.59	.49	.39	.32
207001CG	NTC-503	50k	4200	-4.7	.59	.49	.39	.32
206990CG	NTC-104	100k	4400	-4.9	.59	.49	.39	.32
206981CG	NTC-204	200k	4500	-5.1	.59	.49	.39	.32

## Modem Coupling Transformers

- ±20% impedance matching and DC resistance matching
- Insulation resistance: 100MΩ
- Vacuum wax impregnated
- Core type: EI-14
- Hipot tested: 1000VAC



### 117760CG:

- Dielectric strength: 1250VAC
- Insertion loss: 2.50dB @ 1kHz

Part No.	Cross Ref. No.	Impedance (Ω)		Resistance (Ω)		Pricing		
		Primary	Secondary	Primary	Secondary	1	10	100
125356CG	XFR6006A14	600CT	600CT	65	55	\$1.35	\$1.28	\$1.17
117760CG	671-8014	600	600	108	120	1.99	1.69	1.27

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