

## HOW TO ORDER

### Military Type Designation:

Established Reliability = CCR05, CCR06, CCR07, CCR08, CCR09

Non-Established Reliability = CC05, CC06, CC07, CC08, CC09

### CCR06

#### Style

CC = Identifies temperature compensating, ceramic dielectric, fixed capacitors.  
R = Identifies Established Reliability parts  
06 = Numbers identify shape and dimension

### CG

#### Temperature Characteristic

Permissible capacitance change from capacitance at +25°C in ppm/°C		
Characteristic	Temp.	
CX	1/	+125°C
	1/	-55°C 2/
CK	±250 ppm/°C	+125°C
	+246.25, -326.25	-55°C 2/
CJ	±120 ppm/°C	+125°C
	+116.25, -166.25	-55°C 2/
CH	±60 ppm/°C	+125°C
	+55.00, -91.25	-55°C 2/
CG	±30 ppm/°C	+125°C
	+27.50, -53.75	-55°C 2/

1/ Not practically measurable.  
2/ The ppm/°C values for -55°C were calculated by dividing ppm by negative 80°C.

### 183

#### Capacitance

First two digits are the significant figures of capacitance. Third digit indicates the additional number of zeros. For example, order 18,000 pF as 183. (For values below 10pF use "R" in place of decimal point, e.g., 1R4 = 1.4pF.)

### J

#### Capacitance Tolerance

C = ±0.25pF  
D = ±0.5pF  
F = ±1%  
G = ±2%  
J = ±5%  
K = ±10%

### R

#### Military Failure Rate

M = 1% per 1000 hours  
P = 0.1% per 1000 hours  
R = 0.01% per 1000 hours  
S = 0.001% per 1000 hours

### (V)

#### Standoff Option

To order standoff option, place "V" at the end of the part number.  
Example:  
CCR05CG332FSV

## PACKAGING REQUIREMENTS

Packaging: CCR0X: 100 pcs/bag; CC0X: 1000 pcs/bag

## SIZE SPECIFICATIONS

Dimensions: Millimeters (Inches)

Per MIL Spec	Case Size				
MIL-PRF-20	Length (L)	Width (W)	Thickness (T)	Lead Spacing (L.S.)	Lead Diameter (L.D.)
CCR05/CC05 Figures 1, 4	4.83±.25 (.190±.010)	4.83±.25 (.190±.010)	2.29±.25 (.090±.010)	5.08±.38 (.200±.015)	.64±.05 (.025±.002)
CCR06/CC06 Figures 2, 3	7.37±.25 (.290±.010)	7.37±.25 (.290±.010)	2.29±.25 (.090±.010)	5.08±.38 (.200±.015)	.64±.05 (.025±.002)
CCR07/CC07 Figure 2	12.19±.51 (.480±.020)	12.19±.51 (.480±.020)	3.56±.25 (.140±.010)	10.16±.51 (.400±.020)	.64±.05 (.025±.002)
CCR08/CC08 Figure 2	12.19±.51 (.480±.020)	12.19±.51 (.480±.020)	6.1±.25 (.240±.010)	10.16±.51 (.400±.020)	.64±.05 (.025±.002)
CCR09/CC09 Figure 2	4.83±.25 (.190±.010)	4.83±.25 (.190±.010)	2.29±.25 (.090±.010)	2.54±.38 (.100±.015)	.64±.05 (.025±.002)

## MILITARY PART NUMBER IDENTIFICATION

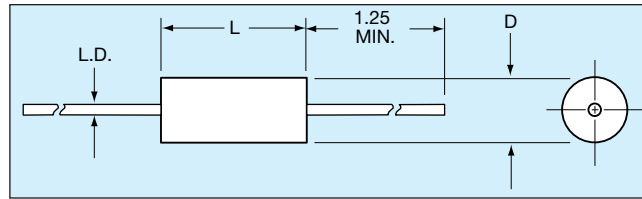
Military Type Designation	Capacitance (pF)	Capacitance Tolerance	WVDC
<b>CC05-CCR05, CC09-CCR09</b>			
CCR05CX1R0_	1.0	B, C	200
CCR05CX1R1_	1.1	B, C	200
CCR05CX1R2_	1.2	B, C	200
CCR05CX1R3_	1.3	B, C	200
CCR05CX1R5_	1.5	B, C	200
CCR05CX1R6_	1.6	B, C	200
CCR05CX1R8_	1.8	B, C	200
CCR05CX2R0_	2.0	B, C	200
CCR05CK2R2_	2.2	B, C	200
CCR05CK2R4_	2.4	B, C	200
CCR05CK2R7_	2.7	B, C, D	200
CCR05CK3R0_	3.0	B, C, D	200
CCR05CK3R3_	3.3	B, C, D	200
CCR05CK3R6_	3.6	B, C, D	200
CCR05CK3R9_	3.9	B, C, D	200
CCR05CJ4R3_	4.3	B, C, D	200
CCR05CJ4R7_	4.7	B, C, D	200
CCR05CJ5R1_	5.1	B, C, D	200
CCR05CJ5R6_	5.6	B, C, D	200
CCR05CJ6R2_	6.2	B, C, D	200
CCR05CJ6R8_	6.8	B, C, D	200
CCR05CJ7R5_	7.5	B, C, D	200
CCR05CH8R2_	8.2	B, C, D	200
CCR05CH9R1_	9.1	B, C, D	200
CCR05CH100_	10	F, G, J	200
CCR05CH110_	11	F, G, J	200
CCR05CH120_	12	F, G, J	200
CCR05CH130_	13	F, G, J	200
CCR05CH150_	15	F, G, J	200
CCR05CH160_	16	F, G, J	200
CCR05CH180_	18	F, G, J	200
CCR05CG200_	20	F, G, J	200
CCR05CG220_	22	F, G, J	200
CCR05CG240_	24	F, G, J	200
CCR05CG270_	27	F, G, J	200
CCR05CG300_	30	F, G, J	200
CCR05CG330_	33	F, G, J	200
CCR05CG360_	36	F, G, J	200
CCR05CG390_	39	F, G, J	200
CCR05CG430_	43	F, G, J	200
CCR05CG470_	47	F, G, J	200
CCR05CG510_	51	F, G, J	200
CCR05CG560_	56	F, G, J	200
CCR05CG620_	62	F, G, J	200
CCR05CG680_	68	F, G, J	200
CCR05CG750_	75	F, G, J	200
CCR05CG820_	82	F, G, J	200
CCR05CG910_	91	F, G, J	200
CCR05CG101_	100	F, G, J	200
CCR05CG111_	110	F, G, J	200
CCR05CG121_	120	F, G, J	200
CCR05CG131_	130	F, G, J	200
CCR05CG151_	150	F, G, J	200
CCR05CG161_	160	F, G, J	200
CCR05CG181_	180	F, G, J	200
CCR05CG201_	200	F, G, J	200
CCR05CG221_	220	F, G, J	200
CCR05CG241_	240	F, G, J	200
CCR05CG271_	270	F, G, J	200
CCR05CG301_	300	F, G, J	200
CCR05CG331_	330	F, G, J	200
CCR05CG361_	360	F, G, J	100
CCR05CG391_	390	F, G, J	100
CCR05CG431_	430	F, G, J	100
CCR05CG471_	470	F, G, J	100
CCR05CG511_	510	F, G, J	100
CCR05CG561_	560	F, G, J	100
CCR05CG621_	620	F, G, J	100
CCR05CG681_	680	F, G, J	100
CCR05CG751_	750	F, G, J	100
CCR05CG821_	820	F, G, J	100
CCR05CG911_	910	F, G, J	100
CCR05CG102_	1,000	F, G, J	100
CCR05CG112_	1,100	F, G, J	100
CCR05CG122_	1,200	F, G, J	100
CCR05CG132_	1,300	F, G, J	100
CCR05CG152_	1,500	F, G, J	100
CCR05CG162_	1,600	F, G, J	100
CCR05CG182_	1,800	F, G, J	100
CCR05CG202_	2,000	F, G, J	50

Military Type Designation	Capacitance (pF)	Capacitance Tolerance	WVDC
<b>CC05-CCR05, CC09-CCR09 (cont)</b>			
CCR05CG222_	2,200	F, G, J	50
CCR05CG242_	2,400	F, G, J	50
CCR05CG272_	2,700	F, G, J	50
CCR05CG302_	3,000	F, G, J	50
CCR05CG332_	3,300	F, G, J	50
<b>CC06, CCR06</b>			
CCR06CG361_	360	F, G, J	200
CCR06CG391_	390	F, G, J	200
CCR06CG431_	430	F, G, J	200
CCR06CG471_	470	F, G, J	200
CCR06CG511_	510	F, G, J	200
CCR06CG561_	560	F, G, J	200
CCR06CG621_	620	F, G, J	200
CCR06CG681_	680	F, G, J	200
CCR06CG751_	750	F, G, J	200
CCR06CG821_	820	F, G, J	200
CCR06CG911_	910	F, G, J	200
CCR06CG102_	1,000	F, G, J	200
CCR06CG112_	1,100	F, G, J	200
CCR06CG122_	1,200	F, G, J	200
CCR06CG132_	1,300	F, G, J	200
CCR06CG152_	1,500	F, G, J	200
CCR06CG162_	1,600	F, G, J	200
CCR06CG182_	1,800	F, G, J	200
CCR06CG202_	2,000	F, G, J	100
CCR06CG222_	2,200	F, G, J	100
CCR06CG242_	2,400	F, G, J	100
CCR06CG272_	2,700	F, G, J	100
CCR06CG302_	3,000	F, G, J	100
CCR06CG332_	3,300	F, G, J	100
CCR06CG362_	3,600	F, G, J	100
CCR06CG392_	3,900	F, G, J	100
CCR06CG432_	4,300	F, G, J	100
CCR06CG472_	4,700	F, G, J	100
CCR06CG512_	5,100	F, G, J, K	50
CCR06CG562_	5,600	F, G, J, K	50
CCR06CG622_	6,200	F, G, J, K	50
CCR06CG682_	6,800	F, G, J, K	50
CCR06CG752_	7,500	F, G, J, K	50
CCR06CG822_	8,200	F, G, J, K	50
CCR06CG912_	9,100	F, G, J, K	50
CCR06CG103_	10,000	F, G, J, K	50
CCR06CG123_	12,000	F, G, J, K	50
CCR06CG153_	15,000	F, G, J, K	50
CCR06CG183_	18,000	F, G, J, K	50
<b>CC07, CCR07</b>			
CCR07CG222_	2,200	F, G, J, K	200
CCR07CG272_	2,700	F, G, J, K	200
CCR07CG332_	3,300	F, G, J, K	200
CCR07CG392_	3,900	F, G, J, K	200
CCR07CG472_	4,700	F, G, J, K	200
CCR07CG562_	5,600	F, G, J, K	100
CCR07CG682_	6,800	F, G, J, K	100
CCR07CG822_	8,200	F, G, J, K	100
CCR07CG103_	10,000	F, G, J, K	100
CCR07CG123_	12,000	F, G, J, K	100
CCR07CG153_	15,000	F, G, J, K	50
CCR07CG183_	18,000	F, G, J, K	50
CCR07CG223_	22,000	F, G, J, K	50
CCR07CG273_	27,000	F, G, J, K	50
CCR07CG333_	33,000	F, G, J, K	50
CCR07CG393_	39,000	F, G, J, K	50
CCR07CG473_	47,000	F, G, J, K	50
CCR07CG563_	56,000	F, G, J, K	50
CCR07CG683_	68,000	F, G, J, K	50
CCR07CG823_	82,000	F, G, J, K	50
CCR07CG104_	100,000	F, G, J, K	50
<b>CC08, CCR08</b>			
CCR08CG392_	3,900	G, J, K	200
CCR08CG472_	4,700	G, J, K	200
CCR08CG153_	15,000	G, J, K	100
CCR08CG183_	18,000	G, J, K	100
CCR08CG563_	56,000	G, J, K	50
CCR08CG683_	68,000	G, J, K	50

Add appropriate failure rate level (M, P, R or S)  
Add appropriate cap. tolerance letter

Add appropriate failure rate level (M, P, R or S)  
Add appropriate cap. tolerance letter

Note: For marking information, see page 72.



## HOW TO ORDER

### Military Type Designation:

Established Reliability = CCR75, CCR76, CCR77, CCR78, CCR79

Non-Established Reliability = CC75, CC76, CC77, CC78, CC79

### CCR76

#### Style

CC = Identifies temperature compensating, ceramic dielectric, fixed capacitors.  
R = Identifies Established Reliability parts.  
76 = Numbers identify shape and dimension.

### CG

#### Temperature Characteristic

Permissible capacitance change from capacitance at +25°C in ppm/°C		
Characteristic		Temp.
CX	1/	+125°C
	1/	-55°C 2/
CK	±250 ppm/°C	+125°C
	+246.25, -326.25	-55°C 2/
CJ	±120 ppm/°C	+125°C
	+116.25, -166.25	-55°C 2/
CH	±60 ppm/°C	+125°C
	+55.00, -91.25	-55°C 2/
CG	±30 ppm/°C	+125°C
	+27.50, -53.75	-55°C 2/

1/ Not practically measurable.  
2/ The ppm/°C values for -55°C were calculated by dividing ppm by negative 80°C.

### 102

#### Capacitance

First two digits are the significant figures of capacitance. Third digit indicates the additional number of zeros. For example, order 1,000 pF as 102. (For values below 10pF use "R" in place of decimal point, e.g., 1R8 = 1.8pF.)

### K

#### Capacitance Tolerance

C = ±0.25pF  
D = ±0.5pF  
F = ±1%  
G = ±2%  
J = ±5%  
K = ±10%

### R

#### Military Failure Rate

M = 1% per 1000 hours  
P = 0.1% per 1000 hours  
R = 0.01% per 1000 hours  
S = 0.001% per 1000 hours

## PACKAGING REQUIREMENTS

### Packaging:

#### Bulk

CCR75/CC75, CCR76/CC76, CCR77/CC77, 100 pcs/bag  
CCR78/CC78, CCR79/CC79 50 pcs/bag

#### Tape & Reel

CCR75/CC75, CCR76/CC76 5000 pcs/reel  
CCR77/CC77 3000 pcs/reel  
CCR78/CC78 950 pcs/reel  
CCR79/CC79 650 pcs/reel

## SIZE SPECIFICATIONS

Dimensions: Millimeters (Inches)

Per MIL Spec	Case Size		
	Length (L)	Diameter (D)	Lead Diameter (L.D.)
MIL-PRF-20			
CCR75 CC75	4.07±.25 (.160±.010)	2.29±.25 (.090±.010)	.48±.05 (.019±.002)
CCR76 CC76	6.35±.25 (.250±.010)	2.29±.25 (.090±.010)	.48±.05 (.019±.002)
CCR77 CC77	9.91±.25 (.390±.010)	3.56±.25 (.140±.010)	.63±.05 (.025±.002)
CCR78 CC78	12.7±.51 (.500±.020)	6.35±.38 (.250±.015)	.63±.05 (.025±.002)
CCR79 CC79	17.53±.51 (.690±.020)	8.89±.51 (.350±.020)	.63±.05 (.025±.002)

## MILITARY PART NUMBER IDENTIFICATION CC75 THRU CC79 AND CCR75 THRU CCR79

Military Type Designation	Capacitance (pF)	Capacitance Tolerance	WVDC
<b>CC75-CCR75</b>			
CCR75CX1R0_	1.0	C	200
CCR75CX1R1_	1.1	C	200
CCR75CX1R2_	1.2	C	200
CCR75CX1R3_	1.3	C	200
CCR75CX1R5_	1.5	C	200
CCR75CX1R6_	1.6	C	200
CCR75CX1R8_	1.8	C	200
CCR75CX2R0_	2.0	C	200
CCR75CK2R2_	2.2	C	200
CCR75CK2R4_	2.4	C	200
CCR75CK2R7_	2.7	C, D	200
CCR75CK3R0_	3.0	C, D	200
CCR75CK3R3_	3.3	C, D	200
CCR75CK3R6_	3.6	C, D	200
CCR75CK3R9_	3.9	C, D	200
CCR75CJ4R3_	4.3	C, D	200
CCR75CJ4R7_	4.7	C, D	200
CCR75CJ5R1_	5.1	C, D	200
CCR75CJ5R6_	5.6	C, D	200
CCR75CJ6R2_	6.2	C, D	200
CCR75CJ6R8_	6.8	C, D	200
CCR75CJ7R5_	7.5	C, D	200
CCR75CH8R2_	8.2	C, D	200
CCR75CH9R1_	9.1	C, D	200
CCR75CH100_	10	G, J	200
CCR75CH110_	11	G, J	200
CCR75CH120_	12	G, J	200
CCR75CH130_	13	G, J	200
CCR75CH150_	15	G, J	200
CCR75CH160_	16	G, J	200
CCR75CH180_	18	G, J	200
CCR75CG200_	20	F, G, J	200
CCR75CG220_	22	F, G, J	200
CCR75CG240_	24	F, G, J	200
CCR75CG270_	27	F, G, J	200
CCR75CG300_	30	F, G, J	200

— Add appropriate failure rate level (M, P, R or S)  
— Add appropriate cap. tolerance letter

Military Type Designation	Capacitance (pF)	Capacitance Tolerance	WVDC
<b>CC75-CCR75</b>			
CCR75CG330_	33	F, G, J	200
CCR75CG360_	36	F, G, J	200
CCR75CG390_	39	F, G, J	200
CCR75CG430_	43	F, G, J	200
CCR75CG470_	47	F, G, J	200
CCR75CG510_	51	F, G, J	200
CCR75CG560_	56	F, G, J	200
CCR75CG620_	62	F, G, J	200
CCR75CG680_	68	F, G, J	200
CCR75CG750_	75	F, G, J	200
CCR75CG820_	82	F, G, J	100
CCR75CG910_	91	F, G, J	100
CCR75CG101_	100	F, G, J	100
CCR75CG111_	110	F, G, J	100
CCR75CG121_	120	F, G, J	100
CCR75CG131_	130	F, G, J	100
CCR75CG151_	150	F, G, J	100
CCR75CG161_	160	F, G, J	100
CCR75CG181_	180	F, G, J	100
CCR75CG201_	200	F, G, J	100
CCR75CG221_	220	F, G, J	100
CCR75CG241_	240	F, G, J	100
CCR75CG271_	270	F, G, J	50
CCR75CG301_	300	F, G, J	50
CCR75CG331_	330	F, G, J	50
CCR75CG361_	360	F, G, J	50
CCR75CG391_	390	F, G, J	50
CCR75CG431_	430	F, G, J	50
CCR75CG471_	470	F, G, J	50
CCR75CG511_	510	F, G, J	50
CCR75CG561_	560	F, G, J	50
CCR75CG621_	620	F, G, J	50
CCR75CG681_	680	F, G, J	50

— Add appropriate failure rate level (M, P, R or S)  
— Add appropriate cap. tolerance letter

**Note:** For marking information, see page 72.

## MILITARY PART NUMBER IDENTIFICATION CC75 THRU CC79 AND CCR75 THRU CCR79

Military Type Designation	Capacitance (pF)	Capacitance Tolerance	WVDC
<b>CC76, CCR76</b>			
CCR76CG820	82	F, G, J	200
CCR76CG910	91	F, G, J	200
CCR76CG101	100	F, G, J	200
CCR76CG111	110	F, G, J	200
CCR76CG121	120	F, G, J	200
CCR76CG131	130	F, G, J	200
CCR76CG271	270	F, G, J	100
CCR76CG301	300	F, G, J	100
CCR76CG331	330	F, G, J	100
CCR76CG361	360	F, G, J	100
CCR76CG391	390	F, G, J	100
CCR76CG431	430	F, G, J	100
CCR76CG471	470	F, G, J	100
CCR76CG511	510	F, G, J	100
CCR76CG561	560	F, G, J	100
CCR76CG621	620	F, G, J	100
CCR76CG681	680	F, G, J	100
CCR76CG751	750	F, G, J	50
CCR76CG821	820	F, G, J	50
CCR76CG911	910	F, G, J	50
CCR76CG102	1,000	F, G, J	50
<b>CC77, CCR77</b>			
CCR77CG151	150	F, G, J	200
CCR77CG161	160	F, G, J	200
CCR77CG181	180	F, G, J	200
CCR77CG201	200	F, G, J	200
CCR77CG221	220	F, G, J	200
CCR77CG241	240	F, G, J	200
CCR77CG271	270	F, G, J	200
CCR77CG301	300	F, G, J	200
CCR77CG331	330	F, G, J	200
CCR77CG361	360	F, G, J	200
CCR77CG391	390	F, G, J	200
CCR77CG431	430	F, G, J	200
CCR77CG471	470	F, G, J	200
CCR77CG511	510	F, G, J	200
CCR77CG561	560	F, G, J	200
CCR77CG621	620	F, G, J	200
CCR77CG681	680	F, G, J	200
CCR77CG751	750	F, G, J	100
CCR77CG821	820	F, G, J	100
CCR77CG911	910	F, G, J	100
CCR77CG102	1,000	F, G, J	100
CCR77CG112	1,100	F, G, J	100
CCR77CG122	1,200	F, G, J	100
CCR77CG132	1,300	F, G, J	100
CCR77CG152	1,500	F, G, J	100
CCR77CG162	1,600	F, G, J	100
CCR77CG182	1,800	F, G, J	100
CCR77CG202	2,000	F, G, J	100
CCR77CG222	2,200	F, G, J	100
CCR77CG242	2,400	F, G, J	50
CCR77CG272	2,700	F, G, J	50

Add appropriate failure rate level (M, P, R or S)  
 Add appropriate cap. tolerance letter

Military Type Designation	Capacitance (pF)	Capacitance Tolerance	WVDC
<b>CC77, CCR77 (cont)</b>			
CCR77CG302	3,000	F, G, J	50
CCR77CG332	3,300	F, G, J	50
CCR77CG362	3,600	F, G, J	50
CCR77CG392	3,900	F, G, J	50
CCR77CG432	4,300	F, G, J	50
CCR77CG472	4,700	F, G, J	50
CCR77CG512	5,100	F, G, J, K	50
CCR77CG562	5,600	F, G, J, K	50
<b>CC78, CCR78</b>			
CCR78CG821	820	F, G, J, K	200
CCR78CG102	1,000	F, G, J, K	200
CCR78CG122	1,200	F, G, J, K	200
CCR78CG152	1,500	F, G, J, K	200
CCR78CG182	1,800	F, G, J, K	200
CCR78CG222	2,200	F, G, J, K	200
CCR78CG272	2,700	F, G, J, K	200
CCR78CG332	3,300	F, G, J, K	200
CCR78CG392	3,900	F, G, J, K	100
CCR78CG472	4,700	F, G, J, K	100
CCR78CG562	5,600	F, G, J, K	100
CCR78CG682	6,800	F, G, J, K	100
CCR78CG822	8,200	F, G, J, K	100
CCR78CG103	10,000	F, G, J, K	100
CCR78CG123	12,000	F, G, J, K	100
CCR78CG153	15,000	F, G, J, K	50
CCR78CG183	18,000	F, G, J, K	50
CCR78CG223	22,000	F, G, J, K	50
CCR78CG273	27,000	F, G, J, K	50
<b>CC79, CCR79</b>			
CCR79CG392	3,900	F, G, J, K	200
CCR79CG472	4,700	F, G, J, K	200
CCR79CG562	5,600	F, G, J, K	200
CCR79CG682	6,800	F, G, J, K	200
CCR79CG822	8,200	F, G, J, K	200
CCR79CG103	10,000	F, G, J, K	200
CCR79CG153	15,000	F, G, J, K	100
CCR79CG183	18,000	F, G, J, K	100
CCR79CG223	22,000	F, G, J, K	100
CCR79CG273	27,000	F, G, J, K	100
CCR79CG333	33,000	F, G, J, K	100
CCR79CG393	39,000	F, G, J, K	100
CCR79CG473	47,000	F, G, J, K	50
CCR79CG563	56,000	F, G, J, K	50
CCR79CG683	68,000	F, G, J, K	50
CCR79CG823	82,000	F, G, J, K	50

Add appropriate failure rate level (M, P, R or S)  
 Add appropriate cap. tolerance letter

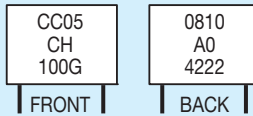
**Note:** Complete type designation will include the appropriate capacitance tolerance in the 11th digit. For CC styles, delete 3rd and 12th digits.

**Note:** For marking information, see page 72.

## MARKING

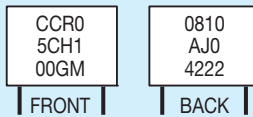
### Radials

#### CC05 & CC09



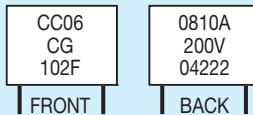
Date Code  
A=Lot Letter  
0=1st Digit of AVX FSCM #  
4222=Last four digits of AVX FSCM #

#### CCR05 & CCR09



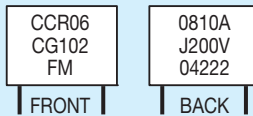
Date Code  
A=Lot Letter  
J="J" or "JAN" Brand  
0=1st Digit of AVX FSCM #  
4222=Last four digits of AVX FSCM #

#### CC06



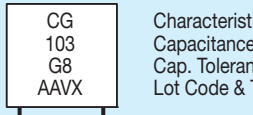
Date Code & Lot Letter  
200V=Rated Voltage  
04222=AVX FSCM #

#### CCR06



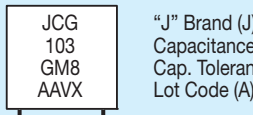
Date Code & Lot Letter  
J="J" or "JAN" Brand  
200V=Rated Voltage  
04222=AVX FSCM #

#### CC07



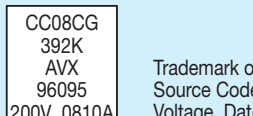
Characteristic  
Capacitance Value  
Cap. Tolerance & Year Code (8 for 2008)  
Lot Code & Trademark

#### CCR07



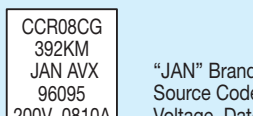
"J" Brand (J) and Characteristic (CG)  
Capacitance Value  
Cap. Tolerance (G) FR Level (M), & Year Code (8 for 2008)  
Lot Code (A); and Trademark (AVX)

#### CC08



Trademark or Manufacturer's Name  
Source Code (FSCM)  
Voltage, Date Code and Lot Symbol

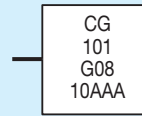
#### CCR08



"JAN" Brand & Trademark or Manufacturer's Name  
Source Code (FSCM)  
Voltage, Date Code and Lot Symbol

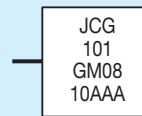
### Axials

#### CC75, CC76



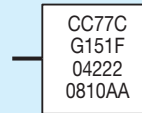
Characteristic  
Capacitance Value  
Cap. Tolerance & 2 digit Year Code  
2 digit Week, 2 digit Lot Code, A for AVX

#### CCR75, CCR76



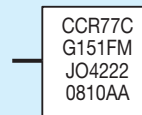
"J" Brand (J) and Characteristic (CG)  
Capacitance Value  
Cap. Tolerance (G) FR Level (M), & 2 digit Year Code  
2 digit Week, A for AVX

#### CC77



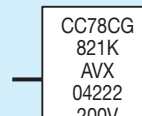
Type Designation  
FSCM  
4 digit Date Code, 2 digit Lot Code

#### CCR77



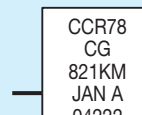
Type Designation  
"J" Brand and FSCM  
4 digit Date Code, 2 digit Lot Code

#### CC78, CC79



Type Designation  
Trademark or Manufacturer's Name  
Source Code (FSCM)  
Voltage  
4 digit Date Code

#### CCR78, CCR79



Type Designation  
TC  
Capacitance Tolerance, Failure Rate  
"JAN" Brand, A for AVX  
FSCM  
Voltage  
4 digit Date Code, 2 digit Lot Code