

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				
	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

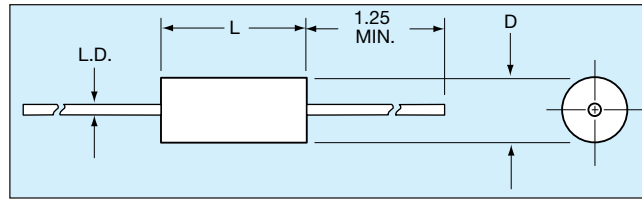
Military Type Designation	Capacitance (pF)	Capacitance Tolerance	WVDC
CC05-CCR05, CC09-CCR09			
CCR05CX1R0	1.0	B, C	200
CCR05CX1R1	1.1	B, C	200
CCR05CX1R2	1.2	B, C	200
CCR05CX1R3	1.3	B, C	200
CCR05CX1R5	1.5	B, C	200
CCR05CX1R6	1.6	B, C	200
CCR05CX1R8	1.8	B, C	200
CCR05CX2R0	2.0	B, C	200
CCR05CK2R2	2.2	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

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

Military Type Designation	Capacitance (pF)	Capacitance Tolerance	WVDC
CC05-CCR05, CC09-CCR09 (cont)			
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
CC06, CCR06			
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
CC07, CCR07			
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
CC08, CCR08			
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

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
CC75-CCR75			
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
CC75-CCR75			
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
CC76, CCR76			
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
CC77, CCR77			
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
CC77, CCR77 (cont)			
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
CC78, CCR78			
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
CC79, CCR79			
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

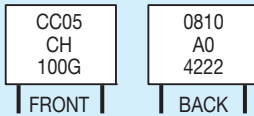
Note: Complete type designation will include the appropriate capacitance tolerance in the 11th digit. For CC styles, delete 3rd and 12th digits.

Note: For marking information, see page 72.

MARKING

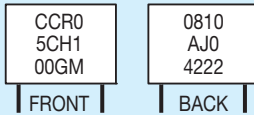
Radials

CC05 & CC09



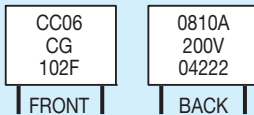
Date Code
A=Lot Letter
0=1st Digit of AVX FSCM #
4222=Last four digits of AVX FSCM #

CCR05 & CCR09



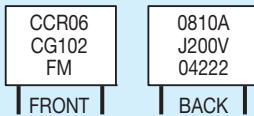
Date Code
A=Lot Letter
J="J" or "JAN" Brand
0=1st Digit of AVX FSCM #
4222=Last four digits of AVX FSCM #

CC06



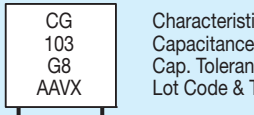
Date Code & Lot Letter
200V=Rated Voltage
04222=AVX FSCM #

CCR06



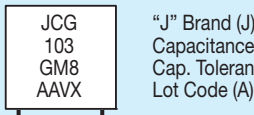
Date Code & Lot Letter
J="J" or "JAN" Brand
200V=Rated Voltage
04222=AVX FSCM #

CC07



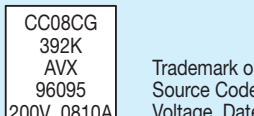
Characteristic
Capacitance Value
Cap. Tolerance & Year Code (8 for 2008)
Lot Code & Trademark

CCR07



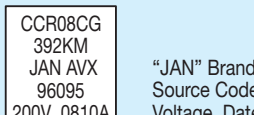
"J" Brand (J) and Characteristic (CG)
Capacitance Value
Cap. Tolerance (G) FR Level (M), & Year Code (8 for 2008)
Lot Code (A); and Trademark (AVX)

CC08



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

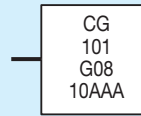
CCR08



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

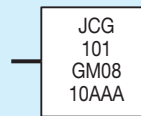
Axials

CC75, CC76



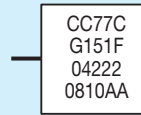
Characteristic
Capacitance Value
Cap. Tolerance & 2 digit Year Code
2 digit Week, 2 digit Lot Code, A for AVX

CCR75, CCR76



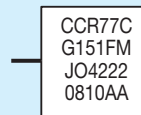
"J" Brand (J) and Characteristic (CG)
Capacitance Value
Cap. Tolerance (G) FR Level (M), & 2 digit Year Code
2 digit Week, A for AVX

CC77



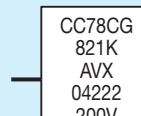
Type Designation
FSCM
4 digit Date Code, 2 digit Lot Code

CCR77



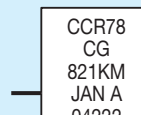
Type Designation
"J" Brand and FSCM
4 digit Date Code, 2 digit Lot Code

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