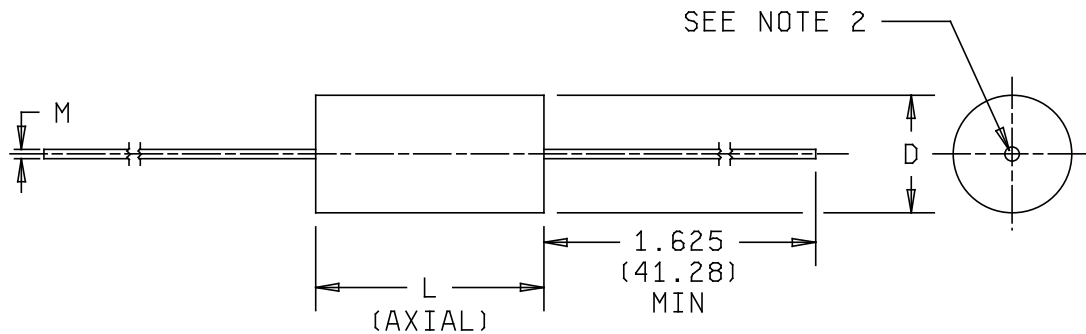


PERFORMANCE SPECIFICATION SHEET

CAPACITOR, FIXED, METALLIZED PLASTIC DIELECTRIC,
DC, IN NONMETAL CASES,
ESTABLISHED RELIABILITY AND NON-ESTABLISHED RELIABILITY,
STYLES CFR05 AND CFR06

This specification sheet is approved for use by all Departments
and Agencies of the Department of Defense.

The requirements for acquiring the product described herein
shall consist of this specification sheet and [MIL-PRF-55514](#).



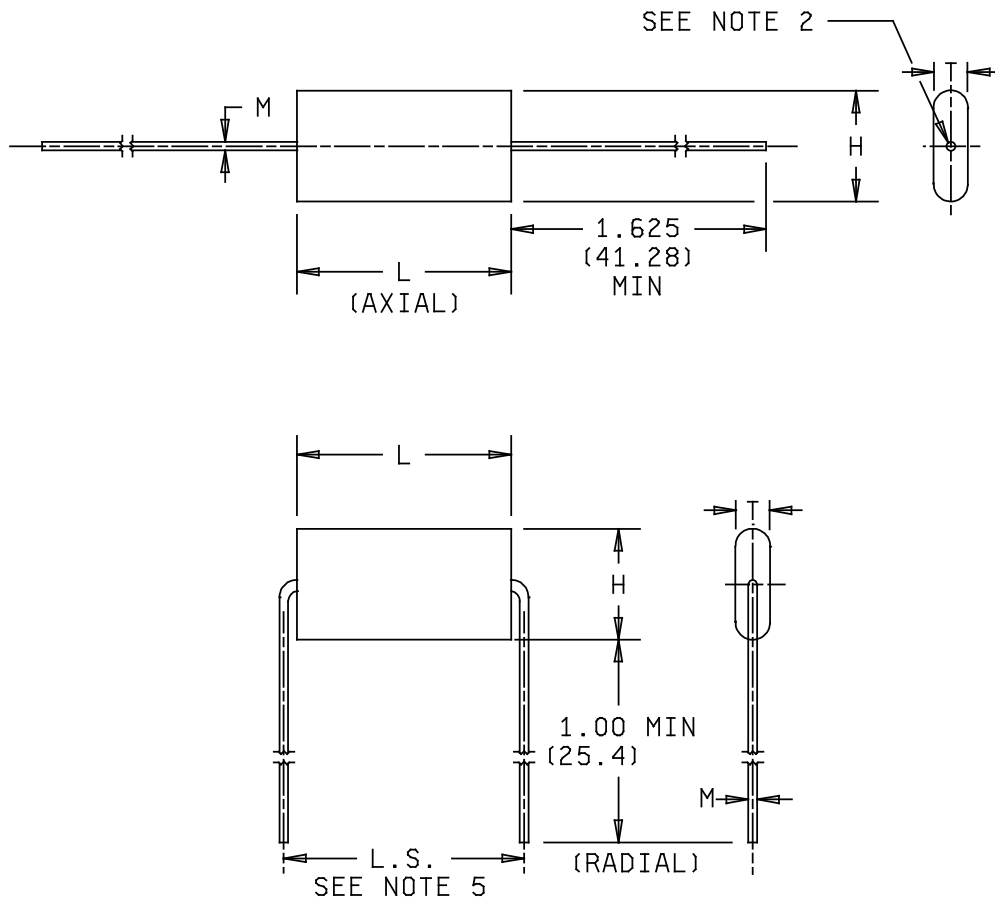
NOTES:

1. Dimensions are in inches.
2. Leads shall be of solid wire and located on centerline within $\pm .062$ inch (1.57 mm) but not less than .03 inch (0.76 mm) from edge of capacitor.
3. Millimeters are in parentheses.
4. Metric equivalents are in millimeters and are given for general information only.

FIGURE 1. Style CFR05 capacitors.



MIL-PRF-55514/4F
w/AMENDMENT 1



NOTES:

1. Dimensions are in inches.
2. Leads shall be of solid wire and located on centerline within $\pm .062$ inch (1.57 mm) but not less than $.03$ inch (0.76 mm) from edge of capacitor.
3. Millimeters are in parentheses.
4. Metric equivalents are in millimeters and are given for general information only.
5. L. S. shall be $(L + 2M) \pm .030$ inch (0.76 mm).

FIGURE 2. Style CFR06 capacitors.

MIL-PRF-55514/4F
w/AMENDMENT 1

TABLE I. Style CFR05 (characteristics R and U) capacitor characteristics.

Part or identifying number (PIN) <u>1/</u>	Capacitance (nom) μF	Rated voltage (at +85°C) volts, dc	Capacitance tolerance available	Di mensions (in inches)		
				D <u>3/</u>	L ±.050 (1.27)	M <u>2/</u> Axial
CFR05A-A102- -	.0010	50	F, G, J, K	.150 (3.81)	.400 (10.16)	.020 (0.51)
CFR05A-A122- -	.0012	50	F, G, J, K	.150 (3.81)	.400 (10.16)	.020 (0.51)
CFR05A-A152- -	.0015	50	F, G, J, K	.150 (3.81)	.400 (10.16)	.020 (0.51)
CFR05A-A182- -	.0018	50	F, G, J, K	.150 (3.81)	.400 (10.16)	.020 (0.51)
CFR05A-A222- -	.0022	50	F, G, J, K	.150 (3.81)	.400 (10.16)	.020 (0.51)
CFR05A-A272- -	.0027	50	F, G, J, K	.150 (3.81)	.400 (10.16)	.020 (0.51)
CFR05A-A332- -	.0033	50	F, G, J, K	.150 (3.81)	.400 (10.16)	.020 (0.51)
CFR05A-A392- -	.0039	50	F, G, J, K	.150 (3.81)	.400 (10.16)	.020 (0.51)
CFR05A-A472- -	.0047	50	F, G, J, K	.150 (3.81)	.400 (10.16)	.020 (0.51)
CFR05A-A562- -	.0056	50	F, G, J, K	.150 (3.81)	.400 (10.16)	.020 (0.51)
CFR05A-A682- -	.0068	50	F, G, J, K	.150 (3.81)	.400 (10.16)	.020 (0.51)
CFR05A-A822- -	.0082	50	F, G, J, K	.150 (3.81)	.400 (10.16)	.020 (0.51)
CFR05A-A103- -	.010	50	F, G, J, K	.150 (3.81)	.400 (10.16)	.020 (0.51)
CFR05A-A123- -	.012	50	F, G, J, K	.150 (3.81)	.400 (10.16)	.020 (0.51)
CFR05A-A153- -	.015	50	F, G, J, K	.150 (3.81)	.400 (10.16)	.020 (0.51)
CFR05A-A183- -	.018	50	F, G, J, K	.150 (3.81)	.400 (10.16)	.020 (0.51)
CFR05A-A223- -	.022	50	F, G, J, K	.150 (3.81)	.400 (10.16)	.020 (0.51)
CFR05A-A273- -	.027	50	F, G, J, K	.150 (3.81)	.400 (10.16)	.020 (0.51)
CFR05A-A333- -	.033	50	F, G, J, K	.150 (3.81)	.400 (10.16)	.020 (0.51)
CFR05A-A393- -	.039	50	F, G, J, K	.150 (3.81)	.400 (10.16)	.020 (0.51)
CFR05A-A473- -	.047	50	F, G, J, K	.150 (3.81)	.400 (10.16)	.020 (0.51)
CFR05A-A563- -	.056	50	F, G, J, K	.150 (3.81)	.400 (10.16)	.020 (0.51)
CFR05A-A683- -	.068	50	F, G, J, K	.150 (3.81)	.400 (10.16)	.020 (0.51)
CFR05A-A823- -	.082	50	F, G, J, K	.150 (3.81)	.400 (10.16)	.020 (0.51)
CFR05A-A104- -	.10	50	F, G, J, K	.150 (3.81)	.400 (10.16)	.020 (0.51)
CFR05A-A124- -	.12	50	F, G, J, K	.150 (3.81)	.400 (10.16)	.020 (0.51)
CFR05A-A154- -	.15	50	F, G, J, K	.160 (4.06)	.400 (10.16)	.020 (0.51)
CFR05A-A184- -	.18	50	F, G, J, K	.150 (3.81)	.530 (13.46)	.020 (0.51)
CFR05A-A224- -	.22	50	F, G, J, K	.150 (3.81)	.530 (13.46)	.020 (0.51)
CFR05A-A274- -	.27	50	F, G, J, K	.160 (4.06)	.530 (13.46)	.020 (0.51)
CFR05A-A334- -	.33	50	F, G, J, K	.180 (4.57)	.530 (13.46)	.020 (0.51)
CFR05A-A394- -	.39	50	F, G, J, K	.190 (4.83)	.530 (13.46)	.020 (0.51)
CFR05A-A474- -	.47	50	F, G, J, K	.200 (5.08)	.530 (13.46)	.020 (0.51)
CFR05A-A564- -	.56	50	F, G, J, K	.220 (5.59)	.530 (13.46)	.020 (0.51)
CFR05A-A684- -	.68	50	F, G, J, K	.240 (6.10)	.530 (13.46)	.020 (0.51)
CFR05A-A824- -	.82	50	F, G, J, K	.260 (6.60)	.530 (13.46)	.020 (0.51)
CFR05A-A105- -	1	50	F, G, J, K	.280 (7.11)	.530 (13.46)	.020 (0.51)
CFR05A-A125- -	1.2	50	F, G, J, K	.260 (6.60)	.680 (17.27)	.020 (0.51)
CFR05A-A155- -	1.5	50	F, G, J, K	.280 (7.11)	.680 (17.27)	.020 (0.51)
CFR05A-A185- -	1.8	50	F, G, J, K	.290 (7.37)	.780 (19.81)	.020 (0.51)
CFR05A-A205- -	2	50	F, G, J, K	.300 (7.62)	.780 (19.81)	.020 (0.51)
CFR05A-A255- -	2.5	50	F, G, J, K	.340 (8.64)	.780 (19.81)	.020 (0.51)
CFR05A-A305- -	3	50	F, G, J, K	.370 (9.40)	.780 (19.81)	.025 (0.64)
CFR05A-A355- -	3.5	50	F, G, J, K	.400 (10.16)	.780 (19.81)	.025 (0.64)
CFR05A-A405- -	4	50	F, G, J, K	.370 (9.40)	.950 (24.13)	.025 (0.64)
CFR05A-A455- -	4.5	50	F, G, J, K	.390 (9.91)	.950 (24.13)	.025 (0.64)
CFR05A-A505- -	5	50	F, G, J, K	.360 (9.14)	1.170 (28.73)	.025 (0.64)
CFR05A-A605- -	6	50	F, G, J, K	.390 (9.91)	1.170 (28.73)	.025 (0.64)
CFR05A-A805- -	8	50	F, G, J, K	.450 (11.43)	1.170 (28.73)	.025 (0.64)
CFR05A-A106- -	10	50	F, G, J, K	.500 (12.70)	1.170 (28.73)	.032 (0.81)
CFR05A-A126- -	12	50	F, G, J, K	.540 (13.72)	1.170 (28.73)	.032 (0.81)
CFR05A-A156- -	15	50	F, G, J, K	.600 (15.24)	1.170 (28.73)	.032 (0.81)
CFR05A-A186- -	18	50	F, G, J, K	.580 (14.73)	1.450 (36.33)	.032 (0.81)
CFR05A-A206- -	20	50	F, G, J, K	.610 (15.49)	1.450 (36.33)	.032 (0.81)
CFR05A-A256- -	25	50	F, G, J, K	.580 (14.73)	1.900 (48.20)	.032 (0.81)
CFR05A-A306- -	30	50	F, G, J, K	.610 (15.49)	1.900 (48.20)	.032 (0.81)
CFR05A-A356- -	35	50	F, G, J, K	.660 (16.76)	1.900 (48.20)	.032 (0.81)

See footnotes at end of table.

MIL-PRF-55514/4F
w/AMENDMENT 1

TABLE I. Style CFR05 (characteristics R and U) capacitor characteristics - Continued.

(PIN) <u>1/</u>	Capacitance (nom) μF	Rated voltage (at +85°C) volts, dc	Capacitance tolerance available	Di mensions (in inches)		
				D <u>3/</u>	L ±.050 (1.27)	M <u>2/</u> Axial
CFR05A-A406- -	40	50	F, G, J, K	.700 (17.78)	1.900 (48.20)	.032 (0.81)
CFR05A-A506- -	50	50	F, G, J, K	.780 (19.81)	1.900 (48.20)	.032 (0.81)
CFR05A-B102- -	.0010	100	F, G, J, K	.150 (3.81)	.400 (10.16)	.020 (0.51)
CFR05A-B122- -	.0012	100	F, G, J, K	.150 (3.81)	.400 (10.16)	.020 (0.51)
CFR05A-B152- -	.0015	100	F, G, J, K	.150 (3.81)	.400 (10.16)	.020 (0.51)
CFR05A-B182- -	.0018	100	F, G, J, K	.150 (3.81)	.400 (10.16)	.020 (0.51)
CFR05A-B222- -	.0022	100	F, G, J, K	.150 (3.81)	.400 (10.16)	.020 (0.51)
CFR05A-B272- -	.0027	100	F, G, J, K	.150 (3.81)	.400 (10.16)	.020 (0.51)
CFR05A-B332- -	.0033	100	F, G, J, K	.150 (3.81)	.400 (10.16)	.020 (0.51)
CFR05A-B392- -	.0039	100	F, G, J, K	.150 (3.81)	.400 (10.16)	.020 (0.51)
CFR05A-B472- -	.0047	100	F, G, J, K	.150 (3.81)	.400 (10.16)	.020 (0.51)
CFR05A-B562- -	.0056	100	F, G, J, K	.150 (3.81)	.400 (10.16)	.020 (0.51)
CFR05A-B682- -	.0068	100	F, G, J, K	.150 (3.81)	.400 (10.16)	.020 (0.51)
CFR05A-B822- -	.0082	100	F, G, J, K	.150 (3.81)	.400 (10.16)	.020 (0.51)
CFR05A-B103- -	.010	100	F, G, J, K	.150 (3.81)	.400 (10.16)	.020 (0.51)
CFR05A-B123- -	.012	100	F, G, J, K	.150 (3.81)	.400 (10.16)	.020 (0.51)
CFR05A-B153- -	.015	100	F, G, J, K	.150 (3.81)	.400 (10.16)	.020 (0.51)
CFR05A-B183- -	.018	100	F, G, J, K	.150 (3.81)	.400 (10.16)	.020 (0.51)
CFR05A-B223- -	.022	100	F, G, J, K	.150 (3.81)	.400 (10.16)	.020 (0.51)
CFR05A-B273- -	.027	100	F, G, J, K	.150 (3.81)	.400 (10.16)	.020 (0.51)
CFR05A-B333- -	.033	100	F, G, J, K	.150 (3.81)	.400 (10.16)	.020 (0.51)
CFR05A-B393- -	.039	100	F, G, J, K	.150 (3.81)	.400 (10.16)	.020 (0.51)
CFR05A-B473- -	.047	100	F, G, J, K	.150 (3.81)	.400 (10.16)	.020 (0.51)
CFR05A-B563- -	.056	100	F, G, J, K	.160 (4.06)	.400 (10.16)	.020 (0.51)
CFR05A-B683- -	.068	100	F, G, J, K	.180 (4.57)	.400 (10.16)	.020 (0.51)
CFR05A-B823- -	.082	100	F, G, J, K	.150 (3.81)	.530 (13.46)	.020 (0.51)
CFR05A-B104- -	.10	100	F, G, J, K	.160 (4.06)	.530 (13.46)	.020 (0.51)
CFR05A-B124- -	.12	100	F, G, J, K	.170 (4.32)	.530 (13.46)	.020 (0.51)
CFR05A-B154- -	.15	100	F, G, J, K	.190 (4.83)	.530 (13.46)	.020 (0.51)
CFR05A-B184- -	.18	100	F, G, J, K	.200 (5.08)	.530 (13.46)	.020 (0.51)
CFR05A-B224- -	.22	100	F, G, J, K	.220 (5.59)	.530 (13.46)	.020 (0.51)
CFR05A-B274- -	.27	100	F, G, J, K	.240 (6.10)	.530 (13.46)	.020 (0.51)
CFR05A-B334- -	.33	100	F, G, J, K	.260 (6.60)	.530 (13.46)	.020 (0.51)
CFR05A-B394- -	.39	100	F, G, J, K	.290 (7.37)	.530 (13.46)	.020 (0.51)
CFR05A-B474- -	.47	100	F, G, J, K	.260 (6.60)	.680 (17.27)	.020 (0.51)
CFR05A-B564- -	.56	100	F, G, J, K	.290 (7.37)	.680 (17.27)	.020 (0.51)
CFR05A-B684- -	.68	100	F, G, J, K	.290 (7.37)	.780 (19.81)	.020 (0.51)
CFR05A-B824- -	.82	100	F, G, J, K	.310 (7.87)	.780 (19.81)	.020 (0.51)
CFR05A-B105- -	1	100	F, G, J, K	.340 (8.64)	.780 (19.81)	.020 (0.51)
CFR05A-B125- -	1.2	100	F, G, J, K	.370 (9.40)	.780 (19.81)	.025 (0.64)
CFR05A-B155- -	1.5	100	F, G, J, K	.370 (9.40)	.950 (24.13)	.025 (0.64)
CFR05A-B185- -	1.8	100	F, G, J, K	.400 (10.16)	.950 (24.13)	.025 (0.64)
CFR05A-B205- -	2	100	F, G, J, K	.380 (9.65)	1.170 (28.73)	.025 (0.64)
CFR05A-B255- -	2.5	100	F, G, J, K	.420 (10.67)	1.170 (28.73)	.025 (0.64)
CFR05A-B305- -	3	100	F, G, J, K	.450 (11.43)	1.170 (28.73)	.025 (0.64)
CFR05A-B355- -	3.5	100	F, G, J, K	.480 (12.19)	1.170 (28.73)	.032 (0.81)
CFR05A-B405- -	4	100	F, G, J, K	.520 (13.21)	1.170 (28.73)	.032 (0.81)
CFR05A-B455- -	4.5	100	F, G, J, K	.550 (13.97)	1.170 (28.73)	.032 (0.81)
CFR05A-B505- -	5	100	F, G, J, K	.580 (14.73)	1.170 (28.73)	.032 (0.81)
CFR05A-B605- -	6	100	F, G, J, K	.620 (15.75)	1.170 (28.73)	.032 (0.81)
CFR05A-B805- -	8	100	F, G, J, K	.630 (16.00)	1.450 (36.83)	.032 (0.81)
CFR05A-B106- -	10	100	F, G, J, K	.640 (16.25)	1.700 (43.18)	.032 (0.81)
CFR05A-B126- -	12	100	F, G, J, K	.650 (16.51)	1.900 (48.20)	.032 (0.81)
CFR05A-B156- -	15	100	F, G, J, K	.720 (18.29)	1.900 (48.20)	.032 (0.81)
CFR05A-B186- -	18	100	F, G, J, K	.780 (19.81)	1.900 (48.20)	.032 (0.81)
CFR05A-B206- -	20	100	F, G, J, K	.820 (20.83)	1.900 (48.20)	.032 (0.81)

See footnotes at end of table.

MIL-PRF-55514/4F
w/AMENDMENT 1

TABLE I. Style CFR05 (characteristics R and U) capacitor characteristics - Continued.

(PIN) <u>1/</u>	Capacitance (nom) μF	Rated voltage (at +85°C) volts, dc	Capacitance tolerance available	Di mensions (in inches)		
				D <u>3/</u>	L ±.050 (1.27)	M <u>2/</u> Axial
CFR05A-C103--	.010	200	F, G, J, K	.176 (4.47)	.469 (11.91)	.025 (0.64)
CFR05A-C123--	.012	200	F, G, J, K	.187 (4.75)	.469 (11.91)	.025 (0.64)
CFR05A-C153--	.015	200	F, G, J, K	.203 (5.16)	.469 (11.91)	.025 (0.64)
CFR05A-C183--	.018	200	F, G, J, K	.217 (5.51)	.469 (11.91)	.025 (0.64)
CFR05A-C223--	.022	200	F, G, J, K	.235 (5.97)	.469 (11.91)	.025 (0.64)
CFR05A-C273--	.027	200	F, G, J, K	.255 (6.48)	.469 (11.91)	.025 (0.64)
CFR05A-C333--	.033	200	F, G, J, K	.277 (7.04)	.469 (11.91)	.025 (0.64)
CFR05A-C393--	.039	200	F, G, J, K	.298 (7.57)	.469 (11.91)	.025 (0.64)
CFR05A-C473--	.047	200	F, G, J, K	.313 (7.95)	.469 (11.91)	.025 (0.64)
CFR05A-C563--	.056	200	F, G, J, K	.244 (6.20)	.656 (16.66)	.025 (0.64)
CFR05A-C683--	.068	200	F, G, J, K	.264 (6.71)	.656 (16.66)	.025 (0.64)
CFR05A-C823--	.082	200	F, G, J, K	.285 (7.24)	.656 (16.66)	.025 (0.64)
CFR05A-C104--	.10	200	F, G, J, K	.310 (7.87)	.656 (16.66)	.025 (0.64)
CFR05A-C124--	.12	200	F, G, J, K	.366 (9.30)	.656 (16.66)	.032 (0.81)
CFR05A-C154--	.15	200	F, G, J, K	.304 (7.72)	.781 (19.84)	.025 (0.64)
CFR05A-C184--	.18	200	F, G, J, K	.329 (8.36)	.781 (19.84)	.032 (0.81)
CFR05A-C224--	.22	200	F, G, J, K	.359 (9.12)	.781 (19.84)	.032 (0.81)
CFR05A-C274--	.27	200	F, G, J, K	.393 (9.98)	.781 (19.84)	.032 (0.81)
CFR05A-C334--	.33	200	F, G, J, K	.431 (10.95)	.781 (19.84)	.032 (0.81)
CFR05A-C394--	.39	200	F, G, J, K	.363 (9.22)	1.031 (26.19)	.032 (0.81)
CFR05A-C474--	.47	200	F, G, J, K	.395 (10.03)	1.031 (26.19)	.032 (0.81)
CFR05A-C564--	.56	200	F, G, J, K	.427 (10.85)	1.031 (26.19)	.032 (0.81)
CFR05A-C684--	.68	200	F, G, J, K	.467 (11.86)	1.031 (26.19)	.032 (0.81)
CFR05A-C824--	.82	200	F, G, J, K	.509 (12.93)	1.031 (26.19)	.032 (0.81)
CFR05A-C105--	1	200	F, G, J, K	.574 (14.58)	1.031 (26.19)	.032 (0.81)
CFR05A-C125--	1.2	200	F, G, J, K	.624 (15.85)	1.031 (26.19)	.032 (0.81)
CFR05A-C155--	1.5	200	F, G, J, K	.520 (13.21)	1.531 (39.89)	.032 (0.81)
CFR05A-C185--	1.8	200	F, G, J, K	.579 (14.71)	1.531 (39.89)	.032 (0.81)
CFR05A-C205--	2	200	F, G, J, K	.607 (15.42)	1.531 (39.89)	.032 (0.81)
CFR05A-C255--	2.5	200	F, G, J, K	.670 (17.02)	1.531 (39.89)	.032 (0.81)
CFR05A-C305--	3	200	F, G, J, K	.727 (18.47)	1.531 (39.89)	.032 (0.81)
CFR05A-C355--	3.5	200	F, G, J, K	.779 (19.79)	1.531 (39.89)	.032 (0.81)
CFR05A-C405--	4	200	F, G, J, K	.828 (21.03)	1.531 (39.89)	.032 (0.81)
CFR05A-C455--	4.5	200	F, G, J, K	.796 (20.22)	1.781 (45.24)	.032 (0.81)
CFR05A-C505--	5	200	F, G, J, K	.835 (21.21)	1.781 (45.24)	.032 (0.81)
CFR05A-C755--	7.5	200	F, G, J, K	.870 (22.10)	2.281 (57.94)	.032 (0.81)
CFR05A-C106--	10	200	F, G, J, K	.995 (25.27)	2.281 (57.94)	.032 (0.81)
CFR05A-E103--	.010	400	F, G, J, K	.301 (7.65)	.469 (11.91)	.025 (0.64)
CFR05A-E123--	.012	400	F, G, J, K	.325 (8.26)	.469 (11.91)	.032 (0.81)
CFR05A-E153--	.015	400	F, G, J, K	.251 (6.38)	.656 (16.66)	.025 (0.64)
CFR05A-E183--	.018	400	F, G, J, K	.270 (6.86)	.656 (16.66)	.025 (0.64)
CFR05A-E223--	.022	400	F, G, J, K	.294 (7.47)	.656 (16.66)	.025 (0.64)
CFR05A-E273--	.027	400	F, G, J, K	.321 (8.15)	.656 (16.66)	.032 (0.81)
CFR05A-E333--	.033	400	F, G, J, K	.350 (8.89)	.656 (16.66)	.032 (0.81)
CFR05A-E393--	.039	400	F, G, J, K	.377 (9.58)	.656 (16.66)	.032 (0.81)
CFR05A-E473--	.047	400	F, G, J, K	.335 (8.51)	.781 (19.84)	.032 (0.81)
CFR05A-E563--	.056	400	F, G, J, K	.367 (9.32)	.781 (19.84)	.032 (0.81)
CFR05A-E683--	.068	400	F, G, J, K	.395 (10.03)	.781 (19.84)	.032 (0.81)
CFR05A-E823--	.082	400	F, G, J, K	.429 (10.90)	.781 (19.84)	.032 (0.81)
CFR05A-E104--	.10	400	F, G, J, K	.367 (9.32)	1.031 (26.19)	.032 (0.81)
CFR05A-E124--	.12	400	F, G, J, K	.399 (10.13)	1.031 (26.19)	.032 (0.81)
CFR05A-E154--	.15	400	F, G, J, K	.441 (11.20)	1.031 (26.19)	.032 (0.81)
CFR05A-E184--	.18	400	F, G, J, K	.479 (12.17)	1.031 (26.19)	.032 (0.81)
CFR05A-E224--	.22	400	F, G, J, K	.414 (10.52)	1.531 (39.89)	.032 (0.81)
CFR05A-E274--	.27	400	F, G, J, K	.451 (11.46)	1.531 (39.89)	.032 (0.81)
CFR05A-E334--	.33	400	F, G, J, K	.491 (12.47)	1.531 (39.89)	.032 (0.81)
CFR05A-E394--	.39	400	F, G, J, K	.529 (13.44)	1.531 (39.89)	.032 (0.81)

See footnotes at end of table.

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TABLE I. Style CFR05 (characteristics R and U) capacitor characteristics - Continued.

(PIN) <u>1/</u>	Capacitance (nom) μF	Rated voltage (at +85°C) volts, dc	Capacitance tolerance available	Dimensions (in inches)		
				D <u>3/</u>	L ±.050 (1.27)	M <u>2/</u> Axial
CFR05A-E474- -	.47	400	F, G, J, K	.590 (14.99)	1.531 (38.89)	.032 (0.81)
CFR05A-E564- -	.56	400	F, G, J, K	.638 (16.21)	1.531 (38.89)	.032 (0.81)
CFR05A-E684- -	.68	400	F, G, J, K	.695 (17.65)	1.531 (38.89)	.032 (0.81)
CFR05A-E824- -	.82	400	F, G, J, K	.757 (19.23)	1.531 (38.89)	.032 (0.81)
CFR05A-E105- -	1	400	F, G, J, K	.828 (21.03)	1.531 (38.89)	.032 (0.81)
CFR05A-E125- -	1.2	400	F, G, J, K	.901 (22.89)	1.531 (38.89)	.032 (0.81)
CFR05A-E155- -	1.5	400	F, G, J, K	.909 (23.09)	1.781 (45.24)	.032 (0.81)
CFR05A-E185- -	1.8	400	F, G, J, K	.989 (25.12)	1.781 (45.24)	.032 (0.81)
CFR05A-E205- -	2	400	F, G, J, K	1.039 (26.39)	1.781 (45.24)	.032 (0.81)
CFR05A-E255- -	2.5	400	F, G, J, K	.995 (25.27)	2.281 (57.94)	.032 (0.81)
CFR05A-E305- -	3	400	F, G, J, K	1.084 (27.53)	2.281 (57.94)	.032 (0.81)
CFR05A-E355- -	3.5	400	F, G, J, K	1.166 (29.62)	2.281 (57.94)	.032 (0.81)
CFR05A-E405- -	4	400	F, G, J, K	1.242 (31.55)	2.281 (57.94)	.032 (0.81)
CFR05A-E455- -	4.5	400	F, G, J, K	1.236 (31.39)	2.531 (64.29)	.032 (0.81)
CFR05A-E505- -	5	400	F, G, J, K	1.300 (33.02)	2.531 (64.29)	.032 (0.81)

- 1/ The complete PIN will include additional symbols to indicate characteristic (U or R), capacitance tolerance, and product level (C, M, P, R, or S).
- 2/ Tolerances are ± .002 inch (0.05 mm) on .040 (No. 18 AWG) inch-diameter; + .005 inch/- .003 inch (+ 0.13 mm/- 0.08 mm) on .032 inch (0.81 mm) (No. 20 AWG); and .025 inch (0.64 mm) (No. 22 AWG) inch-diameters; and +.004 inch (0.10 mm) on .020 (0.51 mm) (No. 24 AWG); and .016 inch (0.41 mm) (No. 26 AWG) inch-diameters.
- 3/ Tolerances for dimension "D" are ± .031 inch (0.79 mm) (.250 inch-diameter (6.35 mm) and below); ± .046 inch (1.17 mm) (.251 through .499 inch-diameter (6.38 mm)); and ± .062 inch (1.57 mm) (.500 inch-diameter (12.7 mm) and above).

TABLE II. Style CFR06 (characteristics R and U) capacitor characteristics.

Part or identifying number (PIN) <u>1/</u>	Capacitance (nom) μF	Rated voltage (at +85°C) volts, dc	Capacitance tolerance available	Dimensions (in inches)			
				T ± .050 (1.27)	H ± .050 (1.27)	L + .050 (1.27) - .005 (0.13)	M <u>2/</u> Radial and axial
CFR06- -A102- -	.0010	50	F, G, J, K	.090 (2.29)	.180 (4.57)	.384 (9.75)	.016 (0.41)
CFR06- -A122- -	.0012	50	F, G, J, K	.090 (2.29)	.180 (4.57)	.384 (9.75)	.016 (0.41)
CFR06- -A152- -	.0015	50	F, G, J, K	.090 (2.29)	.180 (4.57)	.384 (9.75)	.016 (0.41)
CFR06- -A182- -	.0018	50	F, G, J, K	.090 (2.29)	.180 (4.57)	.384 (9.75)	.016 (0.41)
CFR06- -A222- -	.0022	50	F, G, J, K	.090 (2.29)	.180 (4.57)	.384 (9.75)	.016 (0.41)
CFR06- -A272- -	.0027	50	F, G, J, K	.090 (2.29)	.180 (4.57)	.384 (9.75)	.016 (0.41)
CFR06- -A332- -	.0033	50	F, G, J, K	.090 (2.29)	.180 (4.57)	.384 (9.75)	.016 (0.41)
CFR06- -A392- -	.0039	50	F, G, J, K	.090 (2.29)	.180 (4.57)	.384 (9.75)	.016 (0.41)
CFR06- -A472- -	.0047	50	F, G, J, K	.090 (2.29)	.180 (4.57)	.384 (9.75)	.016 (0.41)
CFR06- -A562- -	.0056	50	F, G, J, K	.090 (2.29)	.180 (4.57)	.384 (9.75)	.016 (0.41)
CFR06- -A682- -	.0068	50	F, G, J, K	.090 (2.29)	.180 (4.57)	.384 (9.75)	.016 (0.41)
CFR06- -A822- -	.0082	50	F, G, J, K	.090 (2.29)	.180 (4.57)	.384 (9.75)	.016 (0.41)
CFR06- -A103- -	.010	50	F, G, J, K	.090 (2.29)	.180 (4.57)	.384 (9.75)	.016 (0.41)
CFR06- -A123- -	.012	50	F, G, J, K	.090 (2.29)	.180 (4.57)	.384 (9.75)	.016 (0.41)
CFR06- -A153- -	.015	50	F, G, J, K	.090 (2.29)	.180 (4.57)	.384 (9.75)	.016 (0.41)
CFR06- -A183- -	.018	50	F, G, J, K	.090 (2.29)	.180 (4.57)	.384 (9.75)	.016 (0.41)
CFR06- -A223- -	.022	50	F, G, J, K	.090 (2.29)	.180 (4.57)	.384 (9.75)	.016 (0.41)
CFR06- -A273- -	.027	50	F, G, J, K	.090 (2.29)	.180 (4.57)	.384 (9.75)	.016 (0.41)
CFR06- -A333- -	.033	50	F, G, J, K	.090 (2.29)	.180 (4.57)	.384 (9.75)	.016 (0.41)
CFR06- -A393- -	.039	50	F, G, J, K	.090 (2.29)	.180 (4.57)	.384 (9.75)	.016 (0.41)
CFR06- -A473- -	.047	50	F, G, J, K	.090 (2.29)	.180 (4.57)	.384 (9.75)	.016 (0.41)
CFR06- -A563- -	.056	50	F, G, J, K	.090 (2.29)	.180 (4.57)	.384 (9.75)	.016 (0.41)
CFR06- -A683- -	.068	50	F, G, J, K	.090 (2.29)	.180 (4.57)	.384 (9.75)	.016 (0.41)
CFR06- -A823- -	.082	50	F, G, J, K	.090 (2.29)	.180 (4.57)	.384 (9.75)	.016 (0.41)
CFR06- -A104- -	.10	50	F, G, J, K	.090 (2.29)	.180 (4.57)	.384 (9.75)	.016 (0.41)

See footnotes at end of table.

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TABLE II. Style CFR06 (characteristics R and U) capacitor characteristics - Continued.

(PIN) <u>1/</u>	Capacitance (nom) μF	Rated voltage (at +85°C) volts, dc	Capacitance tolerance available	Dimensions (in inches)			
				T ± .050 (1.27)	H ± .050 (1.27)	L + .050 (1.27) - .005 (0.13)	M <u>2/</u> Radial and axial
CFR06- -A124- -	.12	50	F, G, J, K	.090 (2.29)	.180 (4.57)	.384 (9.75)	.016 (0.41)
CFR06- -A154- -	.15	50	F, G, J, K	.100 (2.54)	.200 (5.08)	.384 (9.75)	.016 (0.41)
CFR06- -A184- -	.18	50	F, G, J, K	.090 (2.29)	.180 (4.57)	.514 (13.06)	.016 (0.41)
CFR06- -A224- -	.22	50	F, G, J, K	.090 (2.29)	.180 (4.57)	.514 (13.06)	.016 (0.41)
CFR06- -A274- -	.27	50	F, G, J, K	.100 (2.54)	.190 (4.83)	.514 (13.06)	.016 (0.41)
CFR06- -A334- -	.33	50	F, G, J, K	.110 (2.79)	.210 (5.33)	.510 (12.95)	.020 (0.51)
CFR06- -A394- -	.39	50	F, G, J, K	.130 (3.30)	.220 (5.59)	.510 (12.95)	.020 (0.51)
CFR06- -A474- -	.47	50	F, G, J, K	.140 (3.56)	.240 (6.10)	.510 (12.95)	.020 (0.51)
CFR06- -A564- -	.56	50	F, G, J, K	.160 (4.06)	.250 (6.35)	.510 (12.95)	.020 (0.51)
CFR06- -A684- -	.68	50	F, G, J, K	.180 (4.57)	.270 (6.86)	.510 (12.95)	.020 (0.51)
CFR06- -A824- -	.82	50	F, G, J, K	.200 (5.08)	.290 (7.37)	.510 (12.95)	.020 (0.51)
CFR06- -A105- -	1	50	F, G, J, K	.220 (5.59)	.320 (8.13)	.510 (12.95)	.020 (0.51)
CFR06- -A125- -	1.2	50	F, G, J, K	.200 (5.08)	.290 (7.37)	.660 (16.76)	.020 (0.51)
CFR06- -A155- -	1.5	50	F, G, J, K	.220 (5.59)	.320 (8.13)	.660 (16.76)	.020 (0.51)
CFR06- -A185- -	1.8	50	F, G, J, K	.230 (5.84)	.320 (8.13)	.760 (19.30)	.020 (0.51)
CFR06- -A205- -	2	50	F, G, J, K	.240 (6.10)	.340 (8.64)	.760 (19.30)	.020 (0.51)
CFR06- -A255- -	2.5	50	F, G, J, K	.280 (7.11)	.370 (9.40)	.760 (19.30)	.020 (0.51)
CFR06- -A305- -	3	50	F, G, J, K	.310 (7.87)	.410 (10.41)	.755 (19.18)	.025 (0.64)
CFR06- -A355- -	3.5	50	F, G, J, K	.340 (8.64)	.430 (10.92)	.755 (19.18)	.025 (0.64)
CFR06- -A405- -	4	50	F, G, J, K	.310 (7.87)	.400 (10.16)	.925 (23.50)	.025 (0.64)
CFR06- -A455- -	4.5	50	F, G, J, K	.330 (8.38)	.420 (10.67)	.925 (23.50)	.025 (0.64)
CFR06- -A505- -	5	50	F, G, J, K	.250 (6.35)	.420 (10.67)	1.145 (29.08)	.025 (0.64)
CFR06- -A605- -	6	50	F, G, J, K	.280 (7.11)	.450 (11.43)	1.145 (29.08)	.025 (0.64)
CFR06- -A805- -	8	50	F, G, J, K	.340 (8.64)	.500 (12.70)	1.145 (29.08)	.025 (0.64)
CFR06- -A106- -	10	50	F, G, J, K	.390 (9.91)	.560 (14.22)	1.138 (28.91)	.032 (0.81)
CFR06- -A126- -	12	50	F, G, J, K	.430 (10.92)	.600 (15.24)	1.138 (28.91)	.032 (0.81)
CFR06- -A156- -	15	50	F, G, J, K	.490 (12.45)	.660 (16.76)	1.138 (28.91)	.032 (0.81)
CFR06- -A186- -	18	50	F, G, J, K	.470 (11.94)	.640 (16.26)	1.418 (36.02)	.032 (0.81)
CFR06- -A206- -	20	50	F, G, J, K	.500 (12.70)	.670 (17.02)	1.418 (36.02)	.032 (0.81)
CFR06- -A256- -	25	50	F, G, J, K	.500 (12.70)	.670 (17.02)	1.868 (47.45)	.032 (0.81)
CFR06- -A306- -	30	50	F, G, J, K	.560 (14.22)	.730 (18.54)	1.868 (47.45)	.032 (0.81)
CFR06- -A356- -	35	50	F, G, J, K	.590 (14.99)	.760 (19.30)	1.868 (47.45)	.032 (0.81)
CFR06- -A406- -	40	50	F, G, J, K	.660 (16.76)	.830 (21.08)	1.868 (47.45)	.032 (0.81)
CFR06- -A506- -	50	50	F, G, J, K	.750 (19.05)	.910 (23.11)	1.868 (47.45)	.032 (0.81)
CFR06- -B102- -	.0010	100	F, G, J, K	.090 (2.29)	.180 (4.57)	.384 (9.75)	.016 (0.41)
CFR06- -B122- -	.0012	100	F, G, J, K	.090 (2.29)	.180 (4.57)	.384 (9.75)	.016 (0.41)
CFR06- -B152- -	.0015	100	F, G, J, K	.090 (2.29)	.180 (4.57)	.384 (9.75)	.016 (0.41)
CFR06- -B182- -	.0018	100	F, G, J, K	.090 (2.29)	.180 (4.57)	.384 (9.75)	.016 (0.41)
CFR06- -B222- -	.0022	100	F, G, J, K	.090 (2.29)	.180 (4.57)	.384 (9.75)	.016 (0.41)
CFR06- -B272- -	.0027	100	F, G, J, K	.090 (2.29)	.180 (4.57)	.384 (9.75)	.016 (0.41)
CFR06- -B332- -	.0033	100	F, G, J, K	.090 (2.29)	.180 (4.57)	.384 (9.75)	.016 (0.41)
CFR06- -B392- -	.0039	100	F, G, J, K	.090 (2.29)	.180 (4.57)	.384 (9.75)	.016 (0.41)
CFR06- -B472- -	.0047	100	F, G, J, K	.090 (2.29)	.180 (4.57)	.384 (9.75)	.016 (0.41)
CFR06- -B562- -	.0056	100	F, G, J, K	.090 (2.29)	.180 (4.57)	.384 (9.75)	.016 (0.41)
CFR06- -B682- -	.0068	100	F, G, J, K	.090 (2.29)	.180 (4.57)	.384 (9.75)	.016 (0.41)
CFR06- -B822- -	.0082	100	F, G, J, K	.090 (2.29)	.180 (4.57)	.384 (9.75)	.016 (0.41)
CFR06- -B103- -	.010	100	F, G, J, K	.090 (2.29)	.180 (4.57)	.384 (9.75)	.016 (0.41)
CFR06- -B123- -	.012	100	F, G, J, K	.090 (2.29)	.180 (4.57)	.384 (9.75)	.016 (0.41)
CFR06- -B153- -	.015	100	F, G, J, K	.090 (2.29)	.180 (4.57)	.384 (9.75)	.016 (0.41)
CFR06- -B183- -	.018	100	F, G, J, K	.090 (2.29)	.180 (4.57)	.384 (9.75)	.016 (0.41)
CFR06- -B223- -	.022	100	F, G, J, K	.090 (2.29)	.180 (4.57)	.384 (9.75)	.016 (0.41)
CFR06- -B273- -	.027	100	F, G, J, K	.090 (2.29)	.180 (4.57)	.384 (9.75)	.016 (0.41)
CFR06- -B333- -	.033	100	F, G, J, K	.090 (2.29)	.180 (4.57)	.384 (9.75)	.016 (0.41)
CFR06- -B393- -	.039	100	F, G, J, K	.090 (2.29)	.180 (4.57)	.384 (9.75)	.016 (0.41)
CFR06- -B473- -	.047	100	F, G, J, K	.090 (2.29)	.180 (4.57)	.384 (9.75)	.016 (0.41)
CFR06- -B563- -	.056	100	F, G, J, K	.100 (2.54)	.190 (4.83)	.384 (9.75)	.016 (0.41)

See footnotes at end of table.

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w/AMENDMENT 1

TABLE II. Style CFR06 (characteristics R and U) capacitor characteristics - Continued.

(PIN) 1/	Capacitance (nom) μF	Rated voltage (at +85°C) volts, dc	Capacitance tolerance available	Dimensions (in inches)			
				T ± .050 (1.27)	H ± .050 (1.27)	L + .050 (1.27) - .005 (0.13)	M 2/ Radial and axial
CFR06- -B683- -	.068	100	F, G, J, K	.110 (2.79)	.210 (5.33)	.384 (9.75)	.016 (0.41)
CFR06- -B823- -	.082	100	F, G, J, K	.090 (2.29)	.180 (4.57)	.514 (13.06)	.016 (0.41)
CFR06- -B104- -	.10	100	F, G, J, K	.100 (2.54)	.190 (4.83)	.514 (13.06)	.016 (0.41)
CFR06- -B124- -	.12	100	F, G, J, K	.110 (2.79)	.200 (5.08)	.514 (13.06)	.016 (0.41)
CFR06- -B154- -	.15	100	F, G, J, K	.120 (3.05)	.220 (5.59)	.510 (12.95)	.020 (0.51)
CFR06- -B184- -	.18	100	F, G, J, K	.140 (3.56)	.230 (5.84)	.510 (12.95)	.020 (0.51)
CFR06- -B224- -	.22	100	F, G, J, K	.160 (4.06)	.250 (6.35)	.510 (12.95)	.020 (0.51)
CFR06- -B274- -	.27	100	F, G, J, K	.180 (4.57)	.280 (7.11)	.510 (12.95)	.020 (0.51)
CFR06- -B334- -	.33	100	F, G, J, K	.200 (5.08)	.300 (7.62)	.510 (12.95)	.020 (0.51)
CFR06- -B394- -	.39	100	F, G, J, K	.230 (5.84)	.320 (8.13)	.510 (12.95)	.020 (0.51)
CFR06- -B474- -	.47	100	F, G, J, K	.200 (5.08)	.300 (7.62)	.660 (16.76)	.020 (0.51)
CFR06- -B564- -	.56	100	F, G, J, K	.230 (5.84)	.320 (8.13)	.660 (16.76)	.020 (0.51)
CFR06- -B684- -	.68	100	F, G, J, K	.230 (5.84)	.320 (8.13)	.760 (19.30)	.020 (0.51)
CFR06- -B824- -	.82	100	F, G, J, K	.250 (6.35)	.350 (8.89)	.760 (19.30)	.020 (0.51)
CFR06- -B105- -	1	100	F, G, J, K	.280 (7.11)	.380 (9.65)	.760 (19.30)	.020 (0.51)
CFR06- -B125- -	1.2	100	F, G, J, K	.310 (7.87)	.410 (10.41)	.755 (19.18)	.025 (0.64)
CFR06- -B155- -	1.5	100	F, G, J, K	.310 (7.87)	.400 (10.16)	.925 (23.50)	.025 (0.64)
CFR06- -B185- -	1.8	100	F, G, J, K	.340 (8.64)	.430 (10.92)	.925 (23.50)	.025 (0.64)
CFR06- -B205- -	2	100	F, G, J, K	.270 (6.86)	.440 (11.18)	1.145 (29.08)	.025 (0.64)
CFR06- -B255- -	2.5	100	F, G, J, K	.310 (7.87)	.480 (12.19)	1.145 (29.08)	.025 (0.64)
CFR06- -B305- -	3	100	F, G, J, K	.350 (8.89)	.510 (12.95)	1.138 (28.91)	.032 (0.81)
CFR06- -B355- -	3.5	100	F, G, J, K	.380 (9.65)	.550 (13.97)	1.138 (28.91)	.032 (0.81)
CFR06- -B405- -	4	100	F, G, J, K	.410 (10.41)	.580 (14.73)	1.138 (28.91)	.032 (0.81)
CFR06- -B455- -	4.5	100	F, G, J, K	.440 (11.18)	.610 (15.49)	1.138 (28.91)	.032 (0.81)
CFR06- -B505- -	5	100	F, G, J, K	.470 (11.94)	.630 (16.00)	1.138 (28.91)	.032 (0.81)
CFR06- -B605- -	6	100	F, G, J, K	.520 (13.21)	.680 (17.27)	1.138 (28.91)	.032 (0.81)
CFR06- -B805- -	8	100	F, G, J, K	.530 (13.46)	.690 (17.53)	1.418 (36.02)	.032 (0.81)
CFR06- -B106- -	10	100	F, G, J, K	.540 (13.72)	.700 (17.78)	1.668 (42.37)	.032 (0.81)
CFR06- -B126- -	12	100	F, G, J, K	.540 (13.72)	.700 (17.78)	1.868 (47.45)	.032 (0.81)
CFR06- -B156- -	15	100	F, G, J, K	.610 (15.49)	.780 (19.81)	1.868 (47.45)	.032 (0.81)
CFR06- -B186- -	18	100	F, G, J, K	.680 (17.27)	.840 (21.34)	1.868 (47.45)	.032 (0.81)
CFR06- -B206- -	20	100	F, G, J, K	.720 (18.29)	.880 (22.35)	1.868 (47.45)	.032 (0.81)

1/ The complete PIN will include additional symbols to indicate terminal type (A or R), characteristic (U or R), capacitance tolerance, and product level (C, M, P, R, or S).

2/ Tolerances are ± .002 inch (0.05 mm) on .040 (No. 18 AWG) inch-diameter; + .005 inch/- .003 inch (+ 0.13 mm/- 0.08 mm) on .032 inch (0.81 mm) (No. 20 AWG); and .025 inch (0.64 mm) (No. 22 AWG) inch-diameters; and +.004 inch (0.10 mm) on .020 (0.51 mm) (No. 24 AWG); and .016 inch (0.41 mm) (No. 26 AWG) inch-diameters.

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TABLE III. Style CFR06 (characteristic N) capacitor characteristics.

Part or identifying number (PIN) 1/	Capacitance (nom) μF	Rated voltage (at +85°C) volts, dc	Capacitance tolerance available	Dimensions (in inches)			
				T ± .062 (1.57)	H ± .062 (1.57)	L + .094 (2.39) - .062 (1.57)	M 2/ Radial and axial
CFR06-NC103- -	.010	200	G, J, K	.125 (3.18)	.187 (4.75)	.418 (10.62)	.020 (.51)
CFR06-NC123- -	.012	200	G, J, K	.140 (3.56)	.203 (5.16)	.418 (10.62)	.020 (.51)
CFR06-NC153- -	.015	200	G, J, K	.140 (3.56)	.218 (5.54)	.418 (10.62)	.020 (.51)
CFR06-NC183- -	.018	200	G, J, K	.156 (3.96)	.234 (6.94)	.418 (10.62)	.020 (.51)
CFR06-NC223- -	.022	200	G, J, K	.171 (4.34)	.250 (6.35)	.418 (10.62)	.020 (.51)
CFR06-NC273- -	.027	200	G, J, K	.187 (4.75)	.250 (6.35)	.418 (10.62)	.020 (.51)
CFR06-NC333- -	.033	200	G, J, K	.187 (4.75)	.265 (6.73)	.418 (10.62)	.020 (.51)
CFR06-NC393- -	.039	200	G, J, K	.140 (3.56)	.250 (6.35)	.542 (13.77)	.020 (.51)
CFR06-NC473- -	.047	200	G, J, K	.156 (3.96)	.265 (6.73)	.542 (13.77)	.020 (.51)
CFR06-NC563- -	.056	200	G, J, K	.171 (4.34)	.281 (7.14)	.542 (13.77)	.020 (.51)
CFR06-NC683- -	.068	200	G, J, K	.187 (4.75)	.296 (7.52)	.542 (13.77)	.020 (.51)
CFR06-NC823- -	.082	200	G, J, K	.203 (5.16)	.312 (7.92)	.542 (13.77)	.020 (.51)
CFR06-NC104- -	.10	200	G, J, K	.218 (5.54)	.328 (8.33)	.538 (13.67)	.025 (.64)
CFR06-NC124- -	.12	200	G, J, K	.250 (6.35)	.359 (9.12)	.538 (13.67)	.025 (.64)
CFR06-NC154- -	.15	200	G, J, K	.265 (6.73)	.390 (9.91)	.538 (13.67)	.025 (.64)
CFR06-NC184- -	.18	200	G, J, K	.218 (5.54)	.343 (8.71)	.663 (16.84)	.025 (.64)
CFR06-NC224- -	.22	200	G, J, K	.234 (5.94)	.375 (9.53)	.663 (16.84)	.025 (.64)
CFR06-NC274- -	.27	200	G, J, K	.265 (6.73)	.421 (10.69)	.663 (16.84)	.025 (.64)
CFR06-NC334- -	.33	200	G, J, K	.281 (7.14)	.468 (11.89)	.656 (16.66)	.032 (.81)
CFR06-NC394- -	.39	200	G, J, K	.312 (7.92)	.484 (12.29)	.656 (16.66)	.032 (.81)
CFR06-NC474- -	.47	200	G, J, K	.343 (8.71)	.515 (13.08)	.656 (16.66)	.032 (.81)
CFR06-NC564- -	.56	200	G, J, K	.312 (7.92)	.484 (12.29)	.906 (23.01)	.032 (.81)
CFR06-NC684- -	.68	200	G, J, K	.328 (8.33)	.515 (13.08)	.906 (23.01)	.032 (.81)
CFR06-NC824- -	.82	200	G, J, K	.359 (9.12)	.562 (14.27)	.906 (23.01)	.032 (.81)
CFR06-NC105- -	1	200	G, J, K	.390 (9.91)	.578 (14.68)	.906 (23.01)	.032 (.81)
CFR06-NC125- -	1.2	200	G, J, K	.375 (9.53)	.531 (13.49)	1.218 (30.94)	.032 (.81)
CFR06-NC155- -	1.5	200	G, J, K	.406 (10.31)	.578 (14.68)	1.218 (30.94)	.032 (.81)
CFR06-NC185- -	1.8	200	G, J, K	.406 (10.31)	.656 (16.66)	1.218 (30.94)	.032 (.81)
CFR06-NC225- -	2.2	200	G, J, K	.406 (10.31)	.718 (18.24)	1.218 (30.94)	.032 (.81)
CFR06-NC335- -	3.3	200	G, J, K	.453 (11.51)	.765 (19.43)	1.468 (37.29)	.032 (.81)
CFR06-NC395- -	3.9	200	G, J, K	.500 (12.70)	.890 (22.61)	1.468 (37.29)	.032 (.81)
CFR06-NC475- -	4.7	200	G, J, K	.575 (14.61)	.906 (23.01)	1.718 (43.64)	.032 (.81)
CFR06-NC106- -	10	200	G, J, K	.750 (19.05)	1.203 (30.56)	1.872 (47.55)	.040 (1.02)
CFR06-NE103- -	.010	400	G, J, K	.140 (3.56)	.265 (6.73)	.688 (17.48)	.020 (.51)
CFR06-NE123- -	.012	400	G, J, K	.156 (3.96)	.281 (7.14)	.688 (17.48)	.020 (.51)
CFR06-NE153- -	.015	400	G, J, K	.171 (4.34)	.296 (7.52)	.688 (17.48)	.020 (.51)
CFR06-NE183- -	.018	400	G, J, K	.187 (4.75)	.312 (7.92)	.688 (17.48)	.020 (.51)
CFR06-NE223- -	.022	400	G, J, K	.203 (5.16)	.312 (7.92)	.688 (17.48)	.020 (.51)
CFR06-NE273- -	.027	400	G, J, K	.234 (5.94)	.343 (8.71)	.663 (16.84)	.025 (.64)
CFR06-NE333- -	.033	400	G, J, K	.250 (6.35)	.375 (9.53)	.663 (16.84)	.025 (.64)
CFR06-NE393- -	.039	400	G, J, K	.218 (5.54)	.296 (7.52)	.913 (23.19)	.025 (.64)
CFR06-NE473- -	.047	400	G, J, K	.218 (5.54)	.328 (8.33)	.913 (23.19)	.025 (.64)
CFR06-NE563- -	.056	400	G, J, K	.234 (5.94)	.375 (9.53)	.913 (23.19)	.025 (.64)
CFR06-NE683- -	.068	400	G, J, K	.234 (5.94)	.421 (10.69)	.913 (23.19)	.025 (.64)
CFR06-NE823- -	.082	400	G, J, K	.265 (6.73)	.453 (11.51)	.913 (23.19)	.025 (.64)
CFR06-NE104- -	.10	400	G, J, K	.296 (7.52)	.484 (12.29)	.906 (23.01)	.032 (.81)
CFR06-NE124- -	.12	400	G, J, K	.312 (7.92)	.531 (13.94)	.906 (23.01)	.032 (.81)
CFR06-NE154- -	.15	400	G, J, K	.343 (8.71)	.562 (14.27)	.906 (23.01)	.032 (.81)
CFR06-NE184- -	.18	400	G, J, K	.281 (7.14)	.531 (13.49)	1.218 (30.94)	.032 (.81)
CFR06-NE224- -	.22	400	G, J, K	.296 (7.52)	.562 (14.27)	1.218 (30.94)	.032 (.81)
CFR06-NE274- -	.27	400	G, J, K	.343 (8.71)	.546 (13.87)	1.468 (37.29)	.032 (.81)
CFR06-NE334- -	.33	400	G, J, K	.359 (9.12)	.593 (15.06)	1.468 (37.29)	.032 (.81)

See footnotes at end of table.

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TABLE III. Style CFR06 (characteristic N) capacitor characteristics - Continued.

(PIN) <u>1/</u>	Capacitance (nom) μ F	Rated voltage (at +85°C) volts, dc	Capacitance tolerance available	Dimensions (in inches)			
				T $\pm .062$ (1.57)	H $\pm .062$ (1.57)	L + .094 (2.39) - .062 (1.57)	M <u>2/</u> Radial and axial
CFR06-NE394- -	.39	400	G, J, K	.390 (9.91)	.671 (17.04)	1.468 (37.29)	.032 (.81)
CFR06-NE474- -	.47	400	G, J, K	.406 (10.31)	.718 (18.24)	1.468 (37.29)	.032 (.81)
CFR06-NE564- -	.56	400	G, J, K	.406 (10.31)	.812 (20.62)	1.468 (37.29)	.032 (.81)
CFR06-NE684- -	.68	400	G, J, K	.421 (10.69)	.890 (22.61)	1.468 (37.29)	.032 (.81)
CFR06-NE824- -	.82	400	G, J, K	.500 (12.70)	.781 (19.84)	1.718 (43.64)	.032 (.81)
CFR06-NE105- -	1	400	G, J, K	.515 (13.08)	.875 (22.23)	1.718 (43.64)	.032 (.81)
CFR06-NE125- -	1.2	400	G, J, K	.546 (13.87)	1.000 (25.40)	1.718 (43.64)	.032 (.81)
CFR06-NE155- -	1.5	400	G, J, K	.562 (14.27)	1.125 (28.58)	1.710 (43.43)	.040 (1.02)
CFR06-NE185- -	1.8	400	G, J, K	.671 (17.04)	1.125 (28.58)	1.710 (43.43)	.040 (1.02)
CFR06-NE225- -	2.2	400	G, J, K	.765 (19.43)	1.125 (28.58)	1.710 (43.43)	.040 (1.02)
CFR06-NE335- -	3.3	400	G, J, K	.875 (22.23)	1.406 (35.71)	1.710 (43.43)	.040 (1.02)

- 1/ The complete PIN will include additional symbols to indicate terminal type (A or R), characteristic (U or R), capacitance tolerance, and product level (C, M, P, R, or S).
- 2/ Tolerances are $\pm .002$ inch (0.05 mm) on .040 (No. 18 AWG) inch-diameter; + .005 inch/- .003 inch (+ 0.13 mm/-0.08 mm) on .032 inch (0.81 mm) (No. 20 AWG); and .025 inch (0.64 mm) (No. 22 AWG) inch-diameters; and +.004 inch (0.10 mm) on .020 (0.51 mm) (No. 24 AWG); and .016 inch (0.41 mm) (No. 26 AWG) inch-diameters.

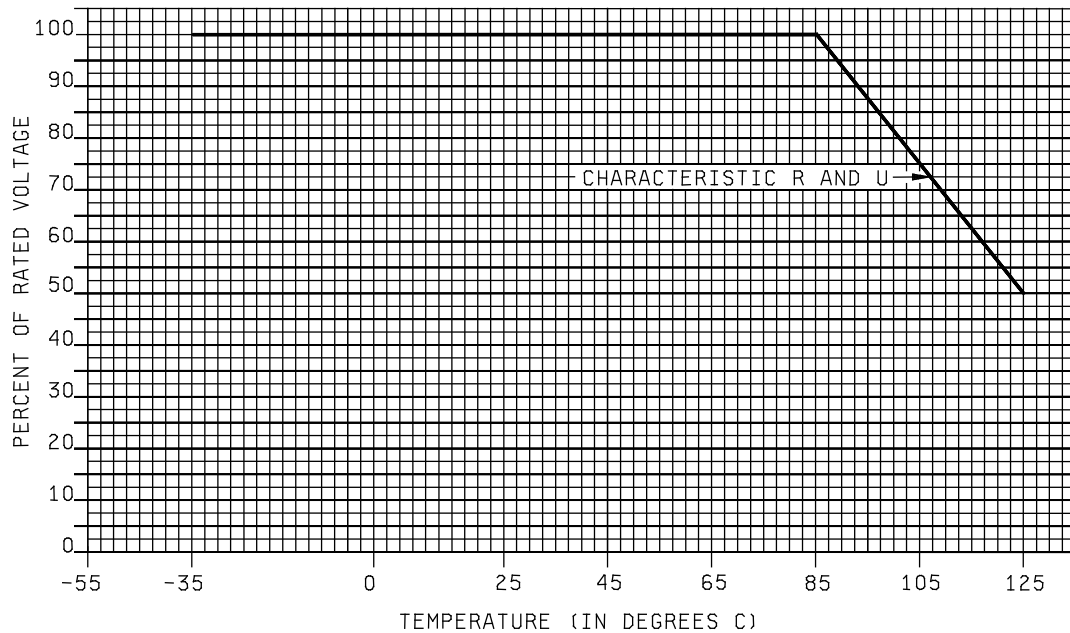


FIGURE 3. Voltage derating with temperature.

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REQUIREMENTS:

Dimensions and configuration: See [figure 1](#), [figure 2](#), [table I](#), [table II](#), and [table III](#).

Terminals: Axial wire-lead (A) or radial wire-lead (R), as shown in [table I](#), [table II](#), and [table III](#).

Characteristic: N, R, or U, as shown in [table I](#), [table II](#), and [table III](#).

Rated voltage: 50 V (A), 100 V (B), 200 V (C), or 400 V (E), as shown in [table I](#), [table II](#), and [table III](#). When properly voltage derated (see [figure 3](#)), characteristic R and U capacitors will operate to +125°C.

Capacitance (nom): See [table I](#), [table II](#), and [table III](#).

Capacitance tolerance: ± 1 percent (F), ± 2 percent (G), ± 5 percent (J), ± 10 percent (K), as shown in [table I](#), [table II](#), and [table III](#).

Product level: Non-established reliability - C; Established reliability - M, P, R, or S.

Vibration, high frequency (direction and duration of motion, R-type terminals): Three mutually perpendicular directions, perpendicular to the width, length, and thickness; 3 hours in each direction.

Burn-in:

Characteristic N: DC only, with 140 percent of +85°C dc rated voltage as specified in [MIL-PRF-55514](#), applied for 48 hours minimum, at +85°C.

Characteristics R and U: DC only, with 140 percent of +125°C dc rated voltage as specified in [MIL-PRF-55514](#), applied for 48 hours minimum, at +125°C.

Amendment notations. The margins of this specification are marked with vertical lines to indicate modifications generated by this amendment. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations.

Custodians:
Army - CR
Navy - EC
Air Force - 85
DLA - CC

Preparing activity:
Army - CR

Agent:
DLA - CC

Review activities:
Navy - AS, MC, OS
Air Force - 19

(Project 5910-2022-014)

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using ASSIST Online database at <https://assist.dla.mil/>.