INCH-POUND
MIL-PRF-39003/1L
13 July 2021
SUPERSEDING
MIL-PRF-39003/1K
w/AMENDMENT 1
14 January 2011

PERFORMANCE SPECIFICATION SHEET

CAPACITOR, FIXED, ELECTROLYTIC (SOLID ELECTROLYTE), TANTALUM, (POLARIZED, SINTERED SLUG), ESTABLISHED RELIABILITY, STYLE CSR13

FAILURE RATE LEVELS "M", "P", AND "R" ARE INACTIVE FOR NEW DESIGN AFTER 2 FEBRUARY 1984

FAILURE RATE LEVEL "S" IS INACTIVE FOR NEW DESIGN AFTER 15 AUGUST 1984

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-39003.

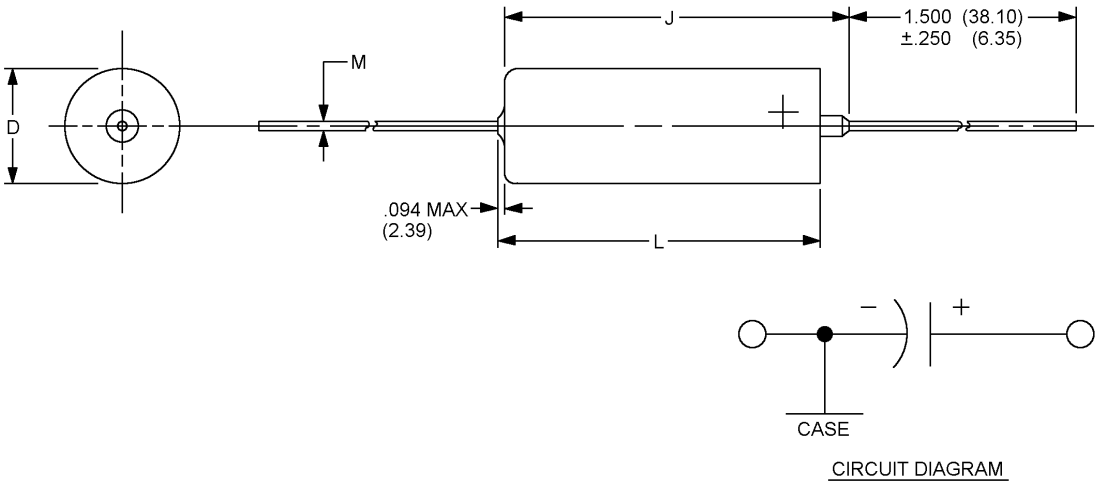

FIGURE 1. Dimensions and configuration.

Case size	Dimensions			
	L ± .031 (0.79)	D +.016 (0.41), - .015 (0.38)	M ± .002 (0.05)	J Max
A	.286 (7.26)	.135 (3.43)	.020 (0.51)	.422 (10.72)
B	.474 (12.04)	.185 (4.70)	.020 (0.51)	.610 (15.49)
C	.686 (17.42)	.289 (7.34)	.025 (0.64)	.822 (20.88)
D	.786 (19.96)	.351 (8.92)	.025 (0.64)	.922 (23.42)

NOTES:
1. Dimensions are in inches.
2. Metric equivalents are in millimeters and are given for general information only.
3. The case insulation shall extend .015 inch (0.38 mm) minimum beyond each end. However, when a shrink-fitted insulation is used, it shall lap over the ends of the capacitor body.
4. Lead length may be a minimum of 1-inch long for use in tape and reel automatic insertion equipment, when specified.

FIGURE 1. Dimensions and configuration - Continued.

REQUIREMENTS:

Dimensions and configuration: See figure 1.

Case type: Tubular, insulated.

Material: Metal (alloy unspecified).

Type of seal: Hermetic.

Leads: Type N-32, N-52, W-32, or W-52 of MIL-STD-1276.

DC rated voltage: See table I. Above +85°C, voltage de-rating is required (see MIL-PRF-39003).

Operating temperature: -55°C to +125°C.

Failure rate level: See table I.

DC leakage (DCL): See table I.

Capacitance (Cap.) (nom): See table I.

Cap. tolerance: ± 5, ± 10, or ± 20 percent as shown in table I.

Dissipation factor (DF): See table I.

Stability at low and high temperatures: In accordance with MIL-PRF-39003.

Step 1 (+25°C):

DCL: See table I.

Capacitance : Within tolerance of table I value.

DF: See table I.

Step 2 (-55°C):

Capacitance: Not greater than ± 10 percent of step 1 measured value.

DF: See table I.

Step 3 (+25°C):

DCL: See table I.

Capacitance: Not greater than ± 2 percent of step 1 measured value.

DF: See table I.

Step 4 (+85°C):

DCL: See table I.

Capacitance: Not greater than ± 8 percent of step 1 measured value.

DF: See table I.

Step 5 (+125°C):

DCL: See table I.

Capacitance: Not greater than ±12 percent of step 1 measured value.

DF: See table I.

Step 6 (+25°C):

DCL: See table I.

Capacitance: Not greater than ± 2 percent of step 1 measured value.

DF: See table I.

Surge voltage: In accordance with MIL-PRF-39003.

DCL: See table I.

Capacitance: Not greater than ± 2 percent of initial measured value.

DF: See table I.

Life: MIL-STD-202-108:

240, 1,000, and 2,000 hours.

At +25°C (as applicable):

DCL: 200 percent of initial limit.

Capacitance: Not greater than ± 5 percent of initial measured value.

DF: See table I.

At +85°C.

DCL: See table I.

At +125°C:

DCL: See table I.

4,000, 6,000, 8,000, and 10,000 hours (exponential only):

At +25°C (as applicable):

DCL: 400 percent of initial limit.

Capacitance: Not greater than ±10 percent of initial measured value.

DF: See table I.

At +85°C:

DCL: 200 percent of initial limit.

At +125°C:

DCL: 200 percent of initial limit.

Marking: In accordance with MIL-PRF-39003.

Part or Identifying Number (PIN): M39003/01- (dash number from table I).

Substitutability data: Substitutability for failure rate levels and capacitance tolerances shall be in accordance with MIL-PRF-39003.

For a list of superseded PIN's, see table II and table III.

TABLE I. Style CSR13 characteristics and dash numbers.

Cap. (nom) (µF)	Cap. Toler-ance (%)	DC leakage at: (µA)			Dissipation factor at: (%)		Case size	Dash number M39003/01- 1/ failure rate level (%/1,000 hours)							
		+25° C	+85° C	+125 °C	-55°C +25°C	+85°C +125°C		M (1.0)	P (0.1)	R (0.01)	S (0.001)	G (1.0)	B (0.1)	C (0.01)	D (0.001)
6 volts															
5.6	5	0.3	6	7.5	4	4	A	5001-	5201-	5401-	5601-	4001-	6001-	7001-	8001-
5.6	10	0.3	6	7.5	4	4	A	2241-	2481-	2721-	2961-	4002-	6002-	7002-	8002-
6.8	5	0.3	6	7.5	6	6	A	5002-	5202-	5402-	5602-	4003-	6003-	7003-	8003-
6.8	10	0.3	6	7.5	6	6	A	2242-	2482-	2722-	2962-	4004-	6004-	7004-	8004-
6.8	20	0.3	6	7.5	6	6	A	2243-	2483-	2723-	2963-	4005-	6005-	7005-	8005-
47	5	1.5	24	30	6	6	B	5003-	5203-	5403-	5603-	4006-	6006-	7006-	8006-
47	10	1.5	24	30	6	6	B	2244-	2484-	2724-	2964-	4007-	6007-	7007-	8007-
47	20	1.5	24	30	6	6	B	2245-	2485-	2725-	2965-	4008-	6008-	7008-	8008-
56	5	1.5	24	30	6	6	B	5004-	5204-	5404-	5604-	4009-	6009-	7009-	8009-
56	10	1.5	24	30	6	6	B	2246-	2486-	2726-	2966-	4010-	6010-	7010-	8010-
150	5	4.5	90	113	8	8	C	5005-	5205-	5405-	5605-	4011-	6011-	7011-	8011-
150	10	4.5	90	113	8	8	C	2247-	2487-	2727-	2967-	4012-	6012-	7012-	8012-
150	20	4.5	90	113	8	8	C	2248-	2488-	2728-	2968-	4013-	6013-	7013-	8013-
180	5	5.5	110	138	8	8	C	5006-	5206-	5406-	5606-	4014-	6014-	7014-	8014-

See footnote at end of table.

TABLE I. Style CSR13 characteristics and dash numbers - Continued.

Cap. (nom) (µF)	Cap. Toler-ance (%)	DC leakage at: (µA)			Dissipation factor at: (%)		Case size	Dash number M39003/01- 1/ failure rate level (%/1,000 hours)							
		+25° C	+85° C	+125 °C	-55°C +25°C	+85°C +125°C		M (1.0)	P (0.1)	R (0.01)	S (0.001)	G (1.0)	B (0.1)	C (0.01)	D (0.001)
6 volts - continued															
180	10	5.5	110	138	8	8	C	2249-	2489-	2729-	2969-	4015-	6015-	7015-	8015-
270	5	6.5	130	163	8	8	D	5007-	5207-	5407-	5607-	4016-	6016-	7016-	8016-
270	10	6.5	130	163	8	8	D	2250-	2490-	2730-	2970-	4017-	6017-	7017-	8017-
330	5	7.5	150	188	8	8	D	5008-	5208-	5408-	5608-	4018-	6018-	7018-	8018-
330	10	7.5	150	188	8	8	D	2251-	2491-	2731-	2971-	4019-	6019-	7019-	8019-
330	20	7.5	150	188	8	8	D	2252-	2492-	2732-	2972-	4020-	6020-	7020-	8020-
10 volts															
3.9	5	0.3	6	7.5	4	4	A	5009-	5209-	5409-	5609-	4021-	6021-	7021-	8021-
3.9	10	0.3	6	7.5	4	4	A	2253-	2493-	2733-	2973-	4022-	6022-	7022-	8022-
4.7	5	0.4	7	8.8	4	4	A	5010-	5210-	5410-	5610-	4023-	6023-	7023-	8023-
4.7	10	0.4	7	8.8	4	4	A	2254-	2494-	2734-	2974-	4024-	6024-	7024-	8024-
4.7	20	0.4	7	8.8	4	4	A	2255-	2495-	2735-	2975-	4025-	6025-	7025-	8025-
27	5	2	40	50	6	6	B	5011-	5211-	5411-	5611-	4026-	6026-	7026-	8026-
27	10	2	40	50	6	6	B	2256-	2496-	2736-	2976-	4027-	6027-	7027-	8027-
33	5	2.5	50	63	6	6	B	5012-	5212-	5412-	5612-	4028-	6028-	7028-	8028-
33	10	2.5	50	63	6	6	B	2257-	2497-	2737-	2977-	4029-	6029-	7029-	8029-
33	20	2.5	50	63	6	6	B	2258-	2498-	2738-	2978-	4030-	6030-	7030-	8030-
39	5	2.5	50	63	6	6	B	5013-	5213-	5413-	5613-	4031-	6031-	7031-	8031-
39	10	2.5	50	63	6	6	B	2259-	2499-	2739-	2979-	4032-	6032-	7032-	8032-
82	5	4	80	100	6	6	C	5014-	5214-	5414-	5614-	4033-	6033-	7033-	8033-
82	10	4	80	100	6	6	C	2260-	2500-	2740-	2980-	4034-	6034-	7034-	8034-
100	5	5	100	125	8	8	C	5015-	5215-	5415-	5615-	4035-	6035-	7035-	8035-
100	10	5	100	125	8	8	C	2261-	2501-	2741-	2981-	4036-	6036-	7036-	8036-
100	20	5	100	125	8	8	C	2262-	2502-	2742-	2982-	4037-	6037-	7037-	8037-
120	5	6	120	150	8	8	C	5016-	5216-	5416-	5616-	4038-	6038-	7038-	8038-
120	10	6	120	150	8	8	C	2263-	2503-	2743-	2983-	4039-	6039-	7039-	8039-
180	5	9	180	226	8	8	D	5017-	5217-	5417-	5617-	4040-	6040-	7040-	8040-
180	10	9	180	226	8	8	D	2264-	2504-	2744-	2984-	4041-	6041-	7041-	8041-
220	5	10	200	250	8	8	D	5018-	5218-	5418-	5618-	4042-	6042-	7042-	8042-
220	10	10	200	250	8	8	D	2265-	2505-	2745-	2985-	4043-	6043-	7043-	8043-
220	20	10	200	250	8	8	D	2266-	2506-	2746-	2986-	4044-	6044-	7044-	8044-
15 volts															
2.7	5	0.3	6	7.5	4	4	A	5019-	5219-	5419-	5619-	4045-	6045-	7045-	8045-
2.7	10	0.3	6	7.5	4	4	A	2267-	2507-	2747-	2987-	4046-	6046-	7046-	8046-
3.3	5	0.4	8	10	4	4	A	5020-	5220-	5420-	5620-	4047-	6047-	7047-	8047-
3.3	10	0.4	8	10	4	4	A	2268-	2508-	2748-	2988-	4048-	6048-	7048-	8048-
3.3	20	0.4	8	10	4	4	A	2269-	2509-	2749-	2989-	4049-	6049-	7049-	8049-
18	5	2	35	44	6	6	B	5021-	5221-	5421-	5621-	4050-	6050-	7050-	8050-
18	10	2	35	44	6	6	B	2270-	2510-	2750-	2990-	4051-	6051-	7051-	8051-
22	5	2	40	50	6	6	B	5022-	5222-	5422-	5622-	4052-	6052-	7052-	8052-
22	10	2	40	50	6	6	B	2271-	2511-	2751-	2991-	4053-	6053-	7053-	8053-
22	20	2	40	50	6	6	B	2272-	2512-	2752-	2992-	4054-	6054-	7054-	8054-
56	5	4	80	100	6	6	C	5023-	5223-	5423-	5623-	4055-	6055-	7055-	8055-
56	10	4	80	100	6	6	C	2273-	2513-	2753-	2993-	4056-	6056-	7056-	8056-
68	5	5	100	125	6	6	C	5024-	5224-	5424-	5624-	4057-	6057-	7057-	8057-
68	10	5	100	125	6	6	C	2274-	2514-	2754-	2994-	4058-	6058-	7058-	8058-
68	20	5	100	125	6	6	C	2275-	2515-	2755-	2995-	4059-	6059-	7059-	8059-
120	5	9	180	226	8	8	D	5025-	5225-	5425-	5625-	4060-	6060-	7060-	8060-
120	10	9	180	226	8	8	D	2276-	2516-	2756-	2996-	4061-	6061-	7061-	8061-
150	5	10	200	250	8	8	D	5026-	5226-	5426-	5626-	4062-	6062-	7062-	8062-
150	10	10	200	250	8	8	D	2277-	2517-	2757-	2997-	4063-	6063-	7063-	8063-
150	20	10	200	250	8	8	D	2278-	2518-	2758-	2998-	4064-	6064-	7064-	8064-

See footnote at end of table.

TABLE I. Style CSR13 characteristics and dash numbers - Continued.

Cap. (nom) (µF)	Cap. Toler-ance (%)	DC leakage at: (µA)			Dissipation factor at: (%)		Case size	Dash number M39003/01- 1/ failure rate level (%/1,000 hours)							
		+25° C	+85° C	+125 °C	-55°C +25°C	+85°C +125°C		M (1.0)	P (0.1)	R (0.01)	S (0.001)	G (1.0)	B (0.1)	C (0.01)	D (0.001)
20 volts															
1.2	5	0.3	6	7.5	4	4	A	5027-	5227-	5427-	5627-	4065-	6065-	7065-	8065-
1.2	10	0.3	6	7.5	4	4	A	2279-	2519-	2759-	2999-	4066-	6066-	7066-	8066-
1.5	5	0.3	6	7.5	4	4	A	5028-	5228-	5428-	5628-	4067-	6067-	7067-	8067-
1.5	10	0.3	6	7.5	4	4	A	2280-	2520-	2760-	3000-	4068-	6068-	7068-	8068-
1.5	20	0.3	6	7.5	4	4	A	2281-	2521-	2761-	3001-	4069-	6069-	7069-	8069-
1.8	5	0.3	6	7.5	4	4	A	5029-	5229-	5429-	5629-	4070-	6070-	7070-	8070-
1.8	10	0.3	6	7.5	4	4	A	2282-	2522-	2762-	3002-	4071-	6071-	7071-	8071-
2.2	5	0.4	8	10	4	4	A	5030-	5230-	5430-	5630-	4072-	6072-	7072-	8072-
2.2	10	0.4	8	10	4	4	A	2283-	2523-	2763-	3003-	4073-	6073-	7073-	8073-
2.2	20	0.4	8	10	4	4	A	2284-	2524-	2764-	3004-	4074-	6074-	7074-	8074-
8.2	5	1	20	25	6	6	B	5031-	5231-	5431-	5631-	4075-	6075-	7075-	8075-
8.2	10	1	20	25	6	6	B	2285-	2525-	2765-	3005-	4076-	6076-	7076-	8076-
10	5	1.5	30	38	6	6	B	5032-	5232-	5432-	5632-	4077-	6077-	7077-	8077-
10	10	1.5	30	38	6	6	B	2286-	2526-	2766-	3006-	4078-	6078-	7078-	8078-
10	20	1.5	30	38	6	6	B	2287-	2527-	2767-	3007-	4079-	6079-	7079-	8079-
12	5	1.8	35	44	6	6	B	5033-	5233-	5433-	5633-	4080-	6080-	7080-	8080-
12	10	1.8	35	44	6	6	B	2288-	2528-	2768-	3008-	4081-	6081-	7081-	8081-
15	5	2	40	50	6	6	B	5034-	5234-	5434-	5634-	4082-	6082-	7082-	8082-
15	10	2	40	50	6	6	B	2289-	2529-	2769-	3009-	4083-	6083-	7083-	8083-
15	20	2	40	50	6	6	B	2290-	2530-	2770-	3010-	4084-	6084-	7084-	8084-
27	5	2.5	50	63	6	6	C	5035-	5235-	5435-	5635-	4085-	6085-	7085-	8085-
27	10	2.5	50	63	6	6	C	2291-	2531-	2771-	3011-	4086-	6086-	7086-	8086-
33	5	3.5	70	88	6	6	C	5036-	5236-	5436-	5636-	4087-	6087-	7087-	8087-
33	10	3.5	70	88	6	6	C	2292-	2532-	2772-	3012-	4088-	6088-	7088-	8088-
33	20	3.5	70	88	6	6	C	2293-	2533-	2773-	3013-	4089-	6089-	7089-	8089-
39	5	4	80	100	6	6	C	5037-	5237-	5437-	5637-	4090-	6090-	7090-	8090-
39	10	4	80	100	6	6	C	2294-	2534-	2774-	3014-	4091-	6091-	7091-	8091-
47	5	4.5	90	113	6	6	C	5038-	5238-	5438-	5638-	4092-	6092-	7092-	8092-
47	10	4.5	90	113	6	6	C	2295-	2535-	2775-	3015-	4093-	6093-	7093-	8093-
47	20	4.5	90	113	6	6	C	2296-	2536-	2776-	3016-	4094-	6094-	7094-	8094-
56	5	5.5	110	138	6	6	D	5039-	5239-	5439-	5639-	4095-	6095-	7095-	8095-
56	10	5.5	110	138	6	6	D	2297-	2537-	2777-	3017-	4096-	6096-	7096-	8096-
68	5	7	140	175	6	6	D	5040-	5240-	5440-	5640-	4097-	6097-	7097-	8097-
68	10	7	140	175	6	6	D	2298-	2538-	2778-	3018-	4098-	6098-	7098-	8098-
68	20	7	140	175	6	6	D	2299-	2539-	2779-	3019-	4099-	6099-	7099-	8099-
82	5	8	160	200	6	6	D	5041-	5241-	5441-	5641-	4100-	6100-	7100-	8100-
82	10	8	160	200	6	6	D	2300-	2540-	2780-	3020-	4101-	6101-	7101-	8101-
100	5	10	200	250	8	8	D	5042-	5242-	5442-	5642-	4102-	6102-	7102-	8102-
100	10	10	200	250	8	8	D	2301-	2541-	2781-	3021-	4103-	6103-	7103-	8103-
100	20	10	200	250	8	8	D	2302-	2542-	2782-	3022-	4104-	6104-	7104-	8104-
35 volts															
5.6	5	1.3	25	32	4	4	B	5043-	5243-	5443-	5643-	4105-	6105-	7105-	8105-
5.6	10	1.3	25	32	4	4	B	2303-	2543-	2783-	3023-	4106-	6106-	7106-	8106-
6.8	5	1.5	30	38	6	6	B	5044-	5244-	5444-	5644-	4107-	6107-	7107-	8107-
6.8	10	1.5	30	38	6	6	B	2304-	2544-	2784-	3024-	4108-	6108-	7108-	8108-
6.8	20	1.5	30	38	6	6	B	2305-	2545-	2785-	3025-	4109-	6109-	7109-	8109-
22	5	4	80	100	6	6	C	5045-	5245-	5445-	5645-	4110-	6110-	7110-	8110-
22	10	4	80	100	6	6	C	2306-	2546-	2786-	3026-	4111-	6111-	7111-	8111-
22	20	4	80	100	6	6	C	2307-	2547-	2787-	3027-	4112-	6112-	7112-	8112-
27	5	4.5	90	113	6	6	D	5046-	5246-	5446-	5646-	4113-	6113-	7113-	8113-
27	10	4.5	90	113	6	6	D	2308-	2548-	2788-	3028-	4114-	6114-	7114-	8114-
33	5	5.5	110	138	6	6	D	5047-	5247-	5447-	5647-	4115-	6115-	7115-	8115-
33	10	5.5	110	138	6	6	D	2309-	2549-	2789-	3029-	4116-	6116-	7116-	8116-
33	20	5.5	110	138	6	6	D	2310-	2550-	2790-	3030-	4117-	6117-	7117-	8117-

See footnote at end of table.

TABLE I. Style CSR13 characteristics and dash numbers - Continued.

Cap. (nom) (µF)	Cap. Toler-ance (%)	DC leakage at: (µA)			Dissipation factor at: (%)		Case size	Dash number M39003/01- 1/ failure rate level (%/1,000 hours)							
		+25° C	+85° C	+125 °C	-55°C +25°C	+85°C +125°C		M (1.0)	P (0.1)	R (0.01)	S (0.001)	G (1.0)	B (0.1)	C (0.01)	D (0.001)
35 volts - continued															
39	5	7	140	175	6	6	D	5048-	5248-	5448-	5648-	4118-	6118-	7118-	8118-
39	10	7	140	175	6	6	D	2311-	2551-	2791-	3031-	4119-	6119-	7119-	8119-
47	5	8	160	200	6	6	D	5049-	5249-	5449-	5649-	4120-	6120-	7120-	8120-
47	10	8	160	200	6	6	D	2312-	2552-	2792-	3032-	4121-	6121-	7121-	8121-
47	20	8	160	200	6	6	D	2313-	2553-	2793-	3033-	4122-	6122-	7122-	8122-
50 volts															
.0047	5	0.3	5	6.3	2	4	A	5050-	5250-	5450-	5650-	4123-	6123-	7123-	8123-
.0047	10	0.3	5	6.3	2	4	A	2314-	2554-	2794-	3034-	4124-	6124-	7124-	8124-
.0047	20	0.3	5	6.3	2	4	A	2315-	2555-	2795-	3035-	4125-	6125-	7125-	8125-
.0056	5	0.3	5	6.3	2	4	A	5051-	5251-	5451-	5651-	4126-	6126-	7126-	8126-
.0056	10	0.3	5	6.3	2	4	A	2316-	2556-	2796-	3036-	4127-	6127-	7127-	8127-
.0068	5	0.3	5	6.3	2	4	A	5052-	5252-	5452-	5652-	4128-	6128-	7128-	8128-
.0068	10	0.3	5	6.3	2	4	A	2317-	2557-	2797-	3037-	4129-	6129-	7129-	8129-
.0068	20	0.3	5	6.3	2	4	A	2318-	2558-	2798-	3038-	4130-	6130-	7130-	8130-
.0082	5	0.3	5	6.3	2	4	A	5053-	5253-	5453-	5653-	4131-	6131-	7131-	8131-
.0082	10	0.3	5	6.3	2	4	A	2319-	2559-	2799-	3039-	4132-	6132-	7132-	8132-
.01	5	0.3	5	6.3	2	4	A	5054-	5254-	5454-	5654-	4133-	6133-	7133-	8133-
.01	10	0.3	5	6.3	2	4	A	2320-	2560-	2800-	3040-	4134-	6134-	7134-	8134-
.01	20	0.3	5	6.3	2	4	A	2321-	2561-	2801-	3041-	4135-	6135-	7135-	8135-
.012	5	0.3	5	6.3	2	4	A	5055-	5255-	5455-	5655-	4136-	6136-	7136-	8136-
.012	10	0.3	5	6.3	2	4	A	2322-	2562-	2802-	3042-	4137-	6137-	7137-	8137-
.015	5	0.3	5	6.3	2	4	A	5056-	5256-	5456-	5656-	4138-	6138-	7138-	8138-
.015	10	0.3	5	6.3	2	4	A	2323-	2563-	2803-	3043-	4139-	6139-	7139-	8139-
.015	20	0.3	5	6.3	2	4	A	2324-	2564-	2804-	3044-	4140-	6140-	7140-	8140-
.018	5	0.3	5	6.3	2	4	A	5057-	5257-	5457-	5657-	4141-	6141-	7141-	8141-
.018	10	0.3	5	6.3	2	4	A	2325-	2565-	2805-	3045-	4142-	6142-	7142-	8142-
.022	5	0.3	5	6.3	2	4	A	5058-	5258-	5458-	5658-	4143-	6143-	7143-	8143-
.022	10	0.3	5	6.3	2	4	A	2326-	2566-	2806-	3046-	4144-	6144-	7144-	8144-
.022	20	0.3	5	6.3	2	4	A	2327-	2567-	2807-	3047-	4145-	6145-	7145-	8145-
.027	5	0.3	5	6.3	2	4	A	5059-	5259-	5459-	5659-	4146-	6146-	7146-	8146-
.027	10	0.3	5	6.3	2	4	A	2328-	2568-	2808-	3048-	4147-	6147-	7147-	8147-
.033	5	0.3	5	6.3	2	4	A	5060-	5260-	5460-	5660-	4148-	6148-	7148-	8148-
.033	10	0.3	5	6.3	2	4	A	2329-	2569-	2809-	3049-	4149-	6149-	7149-	8149-
.033	20	0.3	5	6.3	2	4	A	2330-	2570-	2810-	3050-	4150-	6150-	7150-	8150-
.039	5	0.3	5	6.3	2	4	A	5061-	5261-	5461-	5661-	4151-	6151-	7151-	8151-
.039	10	0.3	5	6.3	2	4	A	2331-	2571-	2811-	3051-	4152-	6152-	7152-	8152-
.047	5	0.3	5	6.3	2	4	A	5062-	5262-	5462-	5662-	4153-	6153-	7153-	8153-
.047	10	0.3	5	6.3	2	4	A	2332-	2572-	2812-	3052-	4154-	6154-	7154-	8154-
.047	20	0.3	5	6.3	2	4	A	2333-	2573-	2813-	3053-	4155-	6155-	7155-	8155-
.056	5	0.3	5	6.3	2	4	A	5063-	5263-	5463-	5663-	4156-	6156-	7156-	8156-
.056	10	0.3	5	6.3	2	4	A	2334-	2574-	2814-	3054-	4157-	6157-	7157-	8157-
.068	5	0.3	5	6.3	2	4	A	5064-	5264-	5464-	5664-	4158-	6158-	7158-	8158-
.068	10	0.3	5	6.3	2	4	A	2335-	2575-	2815-	3055-	4159-	6159-	7159-	8159-
.068	20	0.3	5	6.3	2	4	A	2336-	2576-	2816-	3056-	4160-	6160-	7160-	8160-
.082	5	0.3	5	6.3	2	4	A	5065-	5265-	5465-	5665-	4161-	6161-	7161-	8161-
.082	10	0.3	5	6.3	2	4	A	2337-	2577-	2817-	3057-	4162-	6162-	7162-	8162-
.1	5	0.3	5	6.3	2	4	A	5066-	5266-	5466-	5666-	4163-	6163-	7163-	8163-
.1	10	0.3	5	6.3	2	4	A	2338-	2578-	2818-	3058-	4164-	6164-	7164-	8164-
.1	20	0.3	5	6.3	2	4	A	2339-	2579-	2819-	3059-	4165-	6165-	7165-	8165-
.12	5	0.3	5	6.3	2	4	A	5067-	5267-	5467-	5667-	4166-	6166-	7166-	8166-
.12	10	0.3	5	6.3	2	4	A	2340-	2580-	2820-	3060-	4167-	6167-	7167-	8167-
.15	5	0.3	5	6.3	2	4	A	5068-	5268-	5468-	5668-	4168-	6168-	7168-	8168-
.15	10	0.3	5	6.3	2	4	A	2341-	2581-	2821-	3061-	4169-	6169-	7169-	8169-
.15	20	0.3	5	6.3	2	4	A	2342-	2582-	2822-	3062-	4170-	6170-	7170-	8170-

See footnote at end of table.

TABLE I. Style CSR13 characteristics and dash numbers - Continued.

Cap. (nom) (µF)	Cap. Toler-ance (%)	DC leakage at: (µA)			Dissipation factor at: (%)		Case size	Dash number M39003/01- 1/ failure rate level (%/1,000 hours)							
		+25° C	+85° C	+125 °C	-55°C +25°C	+85°C +125°C		M (1.0)	P (0.1)	R (0.01)	S (0.001)	G (1.0)	B (0.1)	C (0.01)	D (0.001)
50 volts - continued															
.18	5	0.3	5	6.3	2	4	A	5069-	5269-	5469-	5669-	4171-	6171-	7171-	8171-
.18	10	0.3	5	6.3	2	4	A	2343-	2583-	2823-	3063-	4172-	6172-	7172-	8172-
.22	5	0.3	5	6.3	2	4	A	5070-	5270-	5470-	5670-	4173-	6173-	7173-	8173-
.22	10	0.3	5	6.3	2	4	A	2344-	2584-	2824-	3064-	4174-	6174-	7174-	8174-
.22	20	0.3	5	6.3	2	4	A	2345-	2585-	2825-	3065-	4175-	6175-	7175-	8175-
.27	5	0.3	5	6.3	2	4	A	5071-	5271-	5471-	5671-	4176-	6176-	7176-	8176-
.27	10	0.3	5	6.3	2	4	A	2346-	2586-	2826-	3066-	4177-	6177-	7177-	8177-
.33	5	0.3	5	6.3	2	4	A	5072-	5272-	5472-	5672-	4178-	6178-	7178-	8178-
.33	10	0.3	5	6.3	2	4	A	2347-	2587-	2827-	3067-	4179-	6179-	7179-	8179-
.33	20	0.3	5	6.3	2	4	A	2348-	2588-	2828-	3068-	4180-	6180-	7180-	8180-
.39	5	0.3	5	6.3	2	4	A	5073-	5273-	5473-	5673-	4181-	6181-	7181-	8181-
.39	10	0.3	5	6.3	2	4	A	2349-	2589-	2829-	3069-	4182-	6182-	7182-	8182-
.47	5	0.3	5	6.3	2	4	A	5074-	5274-	5474-	5674-	4183-	6183-	7183-	8183-
.47	10	0.3	5	6.3	2	4	A	2350-	2590-	2830-	3070-	4184-	6184-	7184-	8184-
.47	20	0.3	5	6.3	2	4	A	2351-	2591-	2831-	3071-	4185-	6185-	7185-	8185-
.56	5	0.3	5	6.3	2	4	A	5075-	5275-	5475-	5675-	4186-	6186-	7186-	8186-
.56	10	0.3	5	6.3	2	4	A	2352-	2592-	2832-	3072-	4187-	6187-	7187-	8187-
.68	5	0.3	5	6.3	2	4	A	5076-	5276-	5476-	5676-	4188-	6188-	7188-	8188-
.68	10	0.3	5	6.3	2	4	A	2353-	2593-	2833-	3073-	4189-	6189-	7189-	8189-
.68	20	0.3	5	6.3	2	4	A	2354-	2594-	2834-	3074-	4190-	6190-	7190-	8190-
.82	5	0.3	5	6.3	2	4	A	5077-	5277-	5477-	5677-	4191-	6191-	7191-	8191-
.82	10	0.3	5	6.3	2	4	A	2355-	2595-	2835-	3075-	4192-	6192-	7192-	8192-
1	5	0.4	8	10	2	4	A	5078-	5278-	5478-	5678-	4193-	6193-	7193-	8193-
1	10	0.4	8	10	2	4	A	2356-	2596-	2836-	3076-	4194-	6194-	7194-	8194-
1	20	0.4	8	10	2	4	A	2357-	2597-	2837-	3077-	4195-	6195-	7195-	8195-
1.2	5	0.4	9	11	4	4	B	5079-	5279-	5479-	5679-	4196-	6196-	7196-	8196-
1.2	10	0.4	9	11	4	4	B	2358-	2598-	2838-	3078-	4197-	6197-	7197-	8197-
1.5	5	0.6	12	15	4	4	B	5080-	5280-	5480-	5680-	4198-	6198-	7198-	8198-
1.5	10	0.6	12	15	4	4	B	2359-	2599-	2839-	3079-	4199-	6199-	7199-	8199-
1.5	20	0.6	12	15	4	4	B	2360-	2600-	2840-	3080-	4200-	6200-	7200-	8200-
1.8	5	0.7	14	18	4	4	B	5081-	5281-	5481-	5681-	4201-	6201-	7201-	8201-
1.8	10	0.7	14	18	4	4	B	2361-	2601-	2841-	3081-	4202-	6202-	7202-	8202-
2.2	5	0.8	17	22	4	4	B	5082-	5282-	5482-	5682-	4203-	6203-	7203-	8203-
2.2	10	0.8	17	22	4	4	B	2362-	2602-	2842-	3082-	4204-	6204-	7204-	8204-
2.2	20	0.8	17	22	4	4	B	2363-	2603-	2843-	3083-	4205-	6205-	7205-	8205-
2.7	5	1	20	25	4	4	B	5083-	5283-	5483-	5683-	4206-	6206-	7206-	8206-
2.7	10	1	20	25	4	4	B	2364-	2604-	2844-	3084-	4207-	6207-	7207-	8207-
3.3	5	1.2	25	32	4	4	B	5084-	5284-	5484-	5684-	4208-	6208-	7208-	8208-
3.3	10	1.2	25	32	4	4	B	2365-	2605-	2845-	3085-	4209-	6209-	7209-	8209-
3.3	20	1.2	25	32	4	4	B	2366-	2606-	2846-	3086-	4210-	6210-	7210-	8210-
3.9	5	1.5	30	38	4	4	B	5085-	5285-	5485-	5685-	4211-	6211-	7211-	8211-
3.9	10	1.5	30	38	4	4	B	2367-	2607-	2847-	3087-	4212-	6212-	7212-	8212-
4.7	5	1.7	35	44	4	4	B	5086-	5286-	5486-	5686-	4213-	6213-	7213-	8213-
4.7	10	1.7	35	44	4	4	B	2368-	2608-	2848-	3088-	4214-	6214-	7214-	8214-
4.7	20	1.7	35	44	4	4	B	2369-	2609-	2849-	3089-	4215-	6215-	7215-	8215-
5.6	5	2.2	45	56	4	4	C	5087-	5287-	5487-	5687-	4216-	6216-	7216-	8216-
5.6	10	2.2	45	56	4	4	C	2370-	2610-	2850-	3090-	4217-	6217-	7217-	8217-
6.8	5	2.2	45	56	6	6	C	5088-	5288-	5488-	5688-	4218-	6218-	7218-	8218-
6.8	10	2.2	45	56	6	6	C	2371-	2611-	2851-	3091-	4219-	6219-	7219-	8219-
6.8	20	2.2	45	56	6	6	C	2372-	2612-	2852-	3092-	4220-	6220-	7220-	8220-
8.2	5	2.5	50	63	6	6	C	5089-	5289-	5489-	5689-	4221-	6221-	7221-	8221-
8.2	10	2.5	50	63	6	6	C	2373-	2613-	2853-	3093-	4222-	6222-	7222-	8222-
10	5	2.5	50	63	6	6	C	5090-	5290-	5490-	5690-	4223-	6223-	7223-	8223-
10	10	2.5	50	63	6	6	C	2374-	2614-	2854-	3094-	4224-	6224-	7224-	8224-

See footnote at end of table.

TABLE I. Style CSR13 characteristics and dash numbers - Continued.

Cap. (nom) (µF)	Cap. Toler-ance (%)	DC leakage at: (µA)			Dissipation factor at: (%)		Case size	Dash number M39003/01- 1/ failure rate level (%/1,000 hours)							
		+25° C	+85° C	+125 °C	-55°C +25°C	+85°C +125°C		M (1.0)	P (0.1)	R (0.01)	S (0.001)	G (1.0)	B (0.1)	C (0.01)	D (0.001)
50 volts - continued															
10	20	2.5	50	63	6	6	C	2375-	2615-	2855-	3095-	4225-	6225-	7225-	8225-
12	5	3	60	75	6	6	C	5091-	5291-	5491-	5691-	4226-	6226-	7226-	8226-
12	10	3	60	75	6	6	C	2376-	2616-	2856-	3096-	4227-	6227-	7227-	8227-
15	5	4	80	100	6	6	C	5092-	5292-	5492-	5692-	4228-	6228-	7228-	8228-
15	10	4	80	100	6	6	C	2377-	2617-	2857-	3097-	4229-	6229-	7229-	8229-
15	20	4	80	100	6	6	C	2378-	2618-	2858-	3098-	4230-	6230-	7230-	8230-
18	5	4.5	90	113	6	6	C	5093-	5293-	5493-	5693-	4231-	6231-	7231-	8231-
18	10	4.5	90	113	6	6	C	2379-	2619-	2859-	3099-	4232-	6232-	7232-	8232-
22	5	5.5	110	138	6	6	D	5094-	5294-	5494-	5694-	4233-	6233-	7233-	8233-
22	10	5.5	110	138	6	6	D	2380-	2620-	2860-	3100	4234-	6234-	7234-	8234-
22	20	5.5	110	138	6	6	D	2381-	2621-	2861-	3101	4235-	6235-	7235-	8235-
75 volts															
.1	5	0.3	5	6.3	2	4	A	5095-	5295-	5495-	5695-	4236-	6236-	7236-	8236-
.1	10	0.3	5	6.3	2	4	A	2382-	2622-	2862-	3102-	4237-	6237-	7237-	8237-
.1	20	0.3	5	6.3	2	4	A	2383-	2623-	2863-	3103-	4238-	6238-	7238-	8238-
.12	5	0.3	5	6.3	2	4	A	5096-	5296-	5496-	5696-	4239-	6239-	7239-	8239-
.12	10	0.3	5	6.3	2	4	A	2384-	2624-	2864-	3104-	4240-	6240-	7240-	8240-
.15	5	0.3	5	6.3	2	4	A	5097-	5297-	5497-	5697-	4241-	6241-	7241-	8241-
.15	10	0.3	5	6.3	2	4	A	2385-	2625-	2865-	3105-	4242-	6242-	7242-	8242-
.15	20	0.3	5	6.3	2	4	A	2386-	2626-	2866-	3106-	4243-	6243-	7243-	8243-
.18	5	0.3	5	6.3	2	4	A	5098-	5298-	5498-	5698-	4244-	6244-	7244-	8244-
.18	10	0.3	5	6.3	2	4	A	2387-	2627-	2867-	3107-	4245-	6245-	7245-	8245-
.22	5	0.3	5	6.3	2	4	A	5099-	5299-	5499-	5699-	4246-	6246-	7246-	8246-
.22	10	0.3	5	6.3	2	4	A	2388-	2628-	2868-	3108-	4247-	6247-	7247-	8247-
.22	20	0.3	5	6.3	2	4	A	2389-	2629-	2869-	3109-	4248-	6248-	7248-	8248-
.27	5	0.3	5	6.3	2	4	A	5100-	5300-	5500-	5700-	4249-	6249-	7249-	8249-
.27	10	0.3	5	6.3	2	4	A	2390-	2630-	2870-	3110-	4250-	6250-	7250-	8250-
.33	5	0.3	5	6.3	2	4	A	5101-	5301-	5501-	5701-	4251-	6251-	7251-	8251-
.33	10	0.3	5	6.3	2	4	A	2391-	2631-	2871-	3111-	4252-	6252-	7252-	8252-
.33	20	0.3	5	6.3	2	4	A	2392-	2632-	2872-	3112-	4253-	6253-	7253-	8253-
.39	5	0.3	5	6.3	2	4	A	5102-	5302-	5502-	5702-	4254-	6254-	7254-	8254-
.39	10	0.3	5	6.3	2	4	A	2393-	2633-	2873-	3113-	4255-	6255-	7255-	8255-
.47	5	0.3	5	6.3	2	4	A	5103-	5303-	5503-	5703-	4256-	6256-	7256-	8256-
.47	10	0.3	5	6.3	2	4	A	2394-	2634-	2874-	3114-	4257-	6257-	7257-	8257-
.47	20	0.3	5	6.3	2	4	A	2395-	2635-	2875-	3115-	4258-	6258-	7258-	8258-
.56	5	0.3	5	6.3	2	4	A	5104-	5304-	5504-	5704-	4259-	6259-	7259-	8259-
.56	10	0.3	5	6.3	2	4	A	2396-	2636-	2876-	3116-	4260-	6260-	7260-	8260-
.68	5	0.3	5	6.3	2	4	A	5105-	5305-	5505-	5705-	4261-	6261-	7261-	8261-
.68	10	0.3	5	6.3	2	4	A	2397-	2637-	2877-	3117-	4262-	6262-	7262-	8262-
.68	20	0.3	5	6.3	2	4	A	2398-	2638-	2878-	3118-	4263-	6263-	7263-	8263-
.82	5	0.3	5	6.3	2	4	B	5106-	5306-	5506-	5706-	4264-	6264-	7264-	8264-
.82	10	0.3	5	6.3	2	4	B	2399-	2639-	2879-	3119-	4265-	6265-	7265-	8265-
1	5	0.3	5	6.3	2	4	B	5107-	5307-	5507-	5707-	4266-	6266-	7266-	8266-
1	10	0.3	5	6.3	2	4	B	2400-	2640-	2880-	3120-	4267-	6267-	7267-	8267-
1	20	0.3	5	6.3	2	4	B	2401-	2641-	2881-	3121-	4268-	6268-	7268-	8268-
1.2	5	0.3	5	6.3	4	4	B	5108-	5308-	5508-	5708-	4269-	6269-	7269-	8269-
1.2	10	0.3	5	6.3	4	4	B	2402-	2642-	2882-	3122-	4270-	6270-	7270-	8270-
1.5	5	0.6	10	13	4	4	B	5109-	5309-	5509-	5709-	4271-	6271-	7271-	8271-
1.5	10	0.6	10	13	4	4	B	2403-	2643-	2883-	3123-	4272-	6272-	7272-	8272-
1.5	20	0.6	10	13	4	4	B	2404-	2644-	2884-	3124-	4273-	6273-	7273-	8273-
1.8	5	0.7	10	13	4	4	B	5110-	5310-	5510-	5710-	4274-	6274-	7274-	8274-
1.8	10	0.7	10	13	4	4	B	2405-	2645-	2885-	3125-	4275-	6275-	7275-	8275-
2.2	5	0.8	15	19	4	4	B	5111-	5311-	5511-	5711-	4276-	6276-	7276-	8276-
2.2	10	0.8	15	19	4	4	B	2406-	2646-	2886-	3126-	4277-	6277-	7277-	8277-

See footnote at end of table.

TABLE I. Style CSR13 characteristics and dash numbers - Continued.

Cap. (nom) (µF)	Cap. Toler-ance (%)	DC leakage at: (µA)			Dissipation factor at: (%)		Case size	Dash number M39003/01- 1/ failure rate level (%/1,000 hours)							
		+25° C	+85° C	+125 °C	-55°C +25°C	+85°C +125°C		M (1.0)	P (0.1)	R (0.01)	S (0.001)	G (1.0)	B (0.1)	C (0.01)	D (0.001)
75 volts - continued															
2.2	20	0.8	15	19	4	4	B	2407-	2647-	2887-	3127-	4278-	6278-	7278-	8278-
2.7	5	1	15	19	4	4	B	5112-	5312-	5512-	5712-	4279-	6279-	7279-	8279-
2.7	10	1	15	19	4	4	B	2408-	2648-	2888-	3128-	4280-	6280-	7280-	8280-
3.3	5	1.2	20	25	4	4	B	5113-	5313-	5513-	5713-	4281-	6281-	7281-	8281-
3.3	10	1.2	20	25	4	4	B	2409-	2649-	2889-	3129-	4282-	6282-	7282-	8282-
3.3	20	1.2	20	25	4	4	B	2410-	2650-	2890-	3130-	4283-	6283-	7283-	8283-
3.9	5	1.5	20	25	4	4	B	5114-	5314-	5514-	5714-	4284-	6284-	7284-	8284-
3.9	10	1.5	20	25	4	4	B	2411-	2651-	2891-	3131-	4285-	6285-	7285-	8285-
4.7	5	3	60	75	4	4	C	5115-	5315-	5515-	5715-	4286-	6286-	7286-	8286-
4.7	10	3	60	75	4	4	C	2412-	2652-	2892-	3132-	4287-	6287-	7287-	8287-
4.7	20	3	60	75	4	4	C	2413-	2653-	2893-	3133-	4288-	6288-	7288-	8288-
5.6	5	3	60	75	4	4	C	5116-	5316-	5516-	5716-	4289-	6289-	7289-	8289-
5.6	10	3	60	75	4	4	C	2414-	2654-	2894-	3134-	4290-	6290-	7290-	8290-
6.8	5	5	100	125	6	6	C	5117-	5317-	5517-	5717-	4291-	6291-	7291-	8291-
6.8	10	5	100	125	6	6	C	2415-	2655-	2895-	3135-	4292-	6292-	7292-	8292-
6.8	20	5	100	125	6	6	C	2416-	2656-	2896-	3136-	4293-	6293-	7293-	8293-
8.2	5	5	100	125	6	6	C	5118-	5318-	5518-	5718-	4294-	6294-	7294-	8294-
8.2	10	5	100	125	6	6	C	2417-	2657-	2897-	3137-	4295-	6295-	7295-	8295-
10	5	5	100	125	6	6	C	5119-	5319-	5519-	5719-	4296-	6296-	7296-	8296-
10	10	5	100	125	6	6	C	2418-	2658-	2898-	3138-	4297-	6297-	7297-	8297-
10	20	5	100	125	6	6	C	2419-	2659-	2899-	3139-	4298-	6298-	7298-	8298-
12	5	5	100	125	6	6	D	5120-	5320-	5520-	5720-	4299-	6299-	7299-	8299-
12	10	5	100	125	6	6	D	2420-	2660-	2900-	3140-	4300-	6300-	7300-	8300-
15	5	7	140	175	6	6	D	5121-	5321-	5521-	5721-	4301-	6301-	7301-	8301-
15	10	7	140	175	6	6	D	2421-	2661-	2901-	3141-	4302-	6302-	7302-	8302-
15	20	7	140	175	6	6	D	2422-	2662-	2902-	3142-	4303-	6303-	7303-	8303-
100 volts															
.0047	5	0.3	5	6.3	2	4	A	5122-	5322-	5522-	5722-	4304-	6304-	7304-	8304-
.0047	10	0.3	5	6.3	2	4	A	2423-	2663-	2903-	3143-	4305-	6305-	7305-	8305-
.0047	20	0.3	5	6.3	2	4	A	2424-	2664-	2904-	3144-	4306-	6306-	7306-	8306-
.0056	5	0.3	5	6.3	2	4	A	5123-	5323-	5523-	5723-	4307-	6307-	7307-	8307-
.0056	10	0.3	5	6.3	2	4	A	2425-	2665-	2905-	3145-	4308-	6308-	7308-	8308-
.0068	5	0.3	5	6.3	2	4	A	5124-	5324-	5524-	5724-	4309-	6309-	7309-	8309-
.0068	10	0.3	5	6.3	2	4	A	2426-	2666-	2906-	3146-	4310-	6310-	7310-	8310-
.0068	20	0.3	5	6.3	2	4	A	2427-	2667-	2907-	3147-	4311-	6311-	7311-	8311-
.0082	5	0.3	5	6.3	2	4	A	5125-	5325-	5525-	5725-	4312-	6312-	7312-	8312-
.0082	10	0.3	5	6.3	2	4	A	2428-	2668-	2908-	3148-	4313-	6313-	7313-	8313-
.01	5	0.3	5	6.3	2	4	A	5126-	5326-	5526-	5726-	4314-	6314-	7314-	8314-
.01	10	0.3	5	6.3	2	4	A	2429-	2669-	2909-	3149-	4315-	6315-	7315-	8315-
.01	20	0.3	5	6.3	2	4	A	2430-	2670-	2910-	3150-	4316-	6316-	7316-	8316-
.012	5	0.3	5	6.3	2	4	A	5127-	5327-	5527-	5727-	4317-	6317-	7317-	8317-
.012	10	0.3	5	6.3	2	4	A	2431-	2671-	2911-	3151-	4318-	6318-	7318-	8318-
.015	5	0.3	5	6.3	2	4	A	5128-	5328-	5528-	5728-	4319-	6319-	7319-	8319-
.015	10	0.3	5	6.3	2	4	A	2432-	2672-	2912-	3152-	4320-	6320-	7320-	8320-
.015	20	0.3	5	6.3	2	4	A	2433-	2673-	2913-	3153-	4321-	6321-	7321-	8321-
.018	5	0.3	5	6.3	2	4	A	5129-	5329-	5529-	5729-	4322-	6322-	7322-	8322-
.018	10	0.3	5	6.3	2	4	A	2434-	2674-	2914-	3154-	4323-	6323-	7323-	8323-
.022	5	0.3	5	6.3	2	4	A	5130-	5330-	5530-	5730-	4324-	6324-	7324-	8324-
.022	10	0.3	5	6.3	2	4	A	2435-	2675-	2915-	3155-	4325-	6325-	7325-	8325-
.022	20	0.3	5	6.3	2	4	A	2436-	2676-	2916-	3156-	4326-	6326-	7326-	8326-
.027	5	0.3	5	6.3	2	4	A	5131-	5331-	5531-	5731-	4327-	6327-	7327-	8327-
.027	10	0.3	5	6.3	2	4	A	2437-	2677-	2917-	3157-	4328-	6328-	7328-	8328-
.033	5	0.3	5	6.3	2	4	A	5132-	5332-	5532-	5732-	4329-	6329-	7329-	8329-
.033	10	0.3	5	6.3	2	4	A	2438-	2678-	2918-	3158-	4330-	6330-	7330-	8330-
.033	20	0.3	5	6.3	2	4	A	2439-	2679-	2919-	3159-	4331-	6331-	7331-	8331-

See footnote at end of table.

TABLE I. Style CSR13 characteristics and dash numbers - Continued.

Cap. (nom) (µF)	Cap. Toler-ance (%)	DC leakage at: (µA)			Dissipation factor at: (%)		Case size	Dash number M39003/01- 1/ failure rate level (%/1,000 hours)							
		+25° C	+85° C	+125 °C	-55°C +25°C	+85°C +125°C		M (1.0)	P (0.1)	R (0.01)	S (0.001)	G (1.0)	B (0.1)	C (0.01)	D (0.001)
100 volts - continued															
.039	5	0.3	5	6.3	2	4	A	5133-	5333-	5533-	5733-	4332-	6332-	7332-	8332-
.039	10	0.3	5	6.3	2	4	A	2440-	2680-	2920-	3160-	4333-	6333-	7333-	8333-
.047	5	0.3	5	6.3	2	4	A	5134-	5334-	5534-	5734-	4334-	6334-	7334-	8334-
.047	10	0.3	5	6.3	2	4	A	2441-	2681-	2921-	3161-	4335-	6335-	7335-	8335-
.047	20	0.3	5	6.3	2	4	A	2442-	2682-	2922-	3162-	4336-	6336-	7336-	8336-
.056	5	0.3	5	6.3	2	4	A	5135-	5335-	5535-	5735-	4337-	6337-	7337-	8337-
.056	10	0.3	5	6.3	2	4	A	2443-	2683-	2923-	3163-	4338-	6338-	7338-	8338-
.068	5	0.3	5	6.3	2	4	A	5136-	5336-	5536-	5736-	4339-	6339-	7339-	8339-
.068	10	0.3	5	6.3	2	4	A	2444-	2684-	2924-	3164-	4340-	6340-	7340-	8340-
.068	20	0.3	5	6.3	2	4	A	2445-	2685-	2925-	3165-	4341-	6341-	7341-	8341-
.082	5	0.3	5	6.3	2	4	A	5137-	5337-	5537-	5737-	4342-	6342-	7342-	8342-
.082	10	0.3	5	6.3	2	4	A	2446-	2686-	2926-	3166-	4343-	6343-	7343-	8343-
.1	5	0.3	5	6.3	2	4	A	5138-	5338-	5538-	5738-	4344-	6344-	7344-	8344-
.1	10	0.3	5	6.3	2	4	A	2447-	2687-	2927-	3167-	4345-	6345-	7345-	8345-
.1	20	0.3	5	6.3	2	4	A	2448-	2688-	2928-	3168-	4346-	6346-	7346-	8346-
.12	5	0.3	5	6.3	2	4	A	5139-	5339-	5539-	5739-	4347-	6347-	7347-	8347-
.12	10	0.3	5	6.3	2	4	A	2449-	2689-	2929-	3169-	4348-	6348-	7348-	8348-
.15	5	0.3	5	6.3	2	4	A	5140-	5340-	5540-	5740-	4349-	6349-	7349-	8349-
.15	10	0.3	5	6.3	2	4	A	2450-	2690-	2930-	3170-	4350-	6350-	7350-	8350-
.15	20	0.3	5	6.3	2	4	A	2451-	2691-	2931-	3171-	4351-	6351-	7351-	8351-
.18	5	0.3	5	6.3	2	4	A	5141-	5341-	5541-	5741-	4352-	6352-	7352-	8352-
.18	10	0.3	5	6.3	2	4	A	2452-	2692-	2932-	3172-	4353-	6353-	7353-	8353-
.22	5	0.3	5	6.3	2	4	A	5142-	5342-	5542-	5742-	4354-	6354-	7354-	8354-
.22	10	0.3	5	6.3	2	4	A	2453-	2693-	2933-	3173-	4355-	6355-	7355-	8355-
.22	20	0.3	5	6.3	2	4	A	2454-	2694-	2934-	3174-	4356-	6356-	7356-	8356-
.27	5	0.3	5	6.3	2	4	A	5143-	5343-	5543-	5743-	4357-	6357-	7357-	8357-
.27	10	0.3	5	6.3	2	4	A	2455-	2695-	2935-	3175-	4358-	6358-	7358-	8358-
.33	5	0.3	5	6.3	2	4	A	5144-	5344-	5544-	5744-	4359-	6359-	7359-	8359-
.33	10	0.3	5	6.3	2	4	A	2456-	2696-	2936-	3176-	4360-	6360-	7360-	8360-
.33	20	0.3	5	6.3	2	4	A	2457-	2697-	2937-	3177-	4361-	6361-	7361-	8361-
.39	5	0.3	5	6.3	2	4	A	5145-	5345-	5545-	5745-	4362-	6362-	7362-	8362-
.39	10	0.3	5	6.3	2	4	A	2458-	2698-	2938-	3178-	4363-	6363-	7363-	8363-
.47	5	0.3	5	6.3	2	4	A	5146-	5346-	5546-	5746-	4364-	6364-	7364-	8364-
.47	10	0.3	5	6.3	2	4	A	2459-	2699-	2939-	3179-	4365-	6365-	7365-	8365-
.47	20	0.3	5	6.3	2	4	A	2460-	2700-	2940-	3180-	4366-	6366-	7366-	8366-
.56	5	0.3	5	6.3	2	4	A	5147-	5347-	5547-	5747-	4367-	6367-	7367-	8367-
.56	10	0.3	5	6.3	2	4	A	2461-	2701-	2941-	3181-	4368-	6368-	7368-	8368-
.68	5	0.3	5	6.3	2	4	B	5148-	5348-	5548-	5748-	4369-	6369-	7369-	8369-
.68	10	0.3	5	6.3	2	4	B	2462-	2702-	2942-	3182-	4370-	6370-	7370-	8370-
.68	20	0.3	5	6.3	2	4	B	2463-	2703-	2943-	3183-	4371-	6371-	7371-	8371-
.82	5	0.4	5	6.3	2	4	B	5149-	5349-	5549-	5749-	4372-	6372-	7372-	8372-
.82	10	0.4	5	6.3	2	4	B	2464-	2704-	2944-	3184-	4373-	6373-	7373-	8373-
1	5	0.5	5	6.3	2	4	B	5150-	5350-	5550-	5750-	4374-	6374-	7374-	8374-
1	10	0.5	5	6.3	2	4	B	2465-	2705-	2945-	3185-	4375-	6375-	7375-	8375-
1	20	0.5	5	6.3	2	4	B	2466-	2706-	2946-	3186-	4376-	6376-	7376-	8376-
1.2	5	0.5	5	6.3	4	4	B	5151-	5351-	5551-	5751-	4377-	6377-	7377-	8377-
1.2	10	0.5	5	6.3	4	4	B	2467-	2707-	2947-	3187-	4378-	6378-	7378-	8378-
1.5	5	0.7	10	13	4	4	B	5152-	5352-	5552-	5752-	4379-	6379-	7379-	8379-
1.5	10	0.7	10	13	4	4	B	2468-	2708-	2948-	3188-	4380-	6380-	7380-	8380-
1.5	20	0.7	10	13	4	4	B	2469-	2709-	2949-	3189-	4381-	6381-	7381-	8381-
1.8	5	0.7	10	13	4	4	B	5153-	5353-	5553-	5753-	4382-	6382-	7382-	8382-
1.8	10	0.7	10	13	4	4	B	2470-	2710-	2950-	3190-	4383-	6383-	7383-	8383-
2.2	5	0.9	15	19	4	4	B	5154-	5354-	5554-	5754-	4384-	6384-	7384-	8384-
2.2	10	0.9	15	19	4	4	B	2471-	2711-	2951-	3191-	4385-	6385-	7385-	8385-
2.2	20	0.9	15	19	4	4	B	2472-	2712-	2952-	3192-	4386-	6386-	7386-	8386-

See footnote at end of table.

TABLE I. Style CSR13 characteristics and dash numbers - Continued.

Cap. (nom) (µF)	Cap. Toler-ance (%)	DC leakage at: (µA)			Dissipation factor at: (%)		Case size	Dash number M39003/01- 1/ failure rate level (%/1,000 hours)							
		+25° C	+85° C	+125 °C	-55°C +25°C	+85°C +125°C		M (1.0)	P (0.1)	R (0.01)	S (0.001)	G (1.0)	B (0.1)	C (0.01)	D (0.001)
100 volts - continued															
2.7	5	1.1	15	19	4	4	B	5155-	5355-	5555-	5755-	4387-	6387-	7387-	8387-
2.7	10	1.1	15	19	4	4	B	2473-	2713-	2953-	3193-	4388-	6388-	7388-	8388-
3.3	5	1.5	30	38	6	6	C	5156-	5356-	5556-	5756-	4389-	6389-	7389-	8389-
3.3	10	1.5	30	38	6	6	C	5157-	5357-	5557-	5757-	4390-	6390-	7390-	8390-
3.3	20	1.5	30	38	6	6	C	5158-	5358-	5558-	5758-	4391-	6391-	7391-	8391-
3.9	5	1.5	30	38	6	6	C	5159-	5359-	5559-	5759-	4392-	6392-	7392-	8392-
3.9	10	1.5	30	38	6	6	C	5160-	5360-	5560-	5760-	4393-	6393-	7393-	8393-
4.7	5	2.5	50	63	6	6	C	5161-	5361-	5561-	5761-	4394-	6394-	7394-	8394-
4.7	10	2.5	50	63	6	6	C	5162-	5362-	5562-	5762-	4395-	6395-	7395-	8395-
4.7	20	2.5	50	63	6	6	C	5163-	5363-	5563-	5763-	4396-	6396-	7396-	8396-
5.6	5	2.5	50	63	6	6	C	5164-	5364-	5564-	5764-	4397-	6397-	7397-	8397-
5.6	10	2.5	50	63	6	6	C	5165-	5365-	5565-	5765-	4398-	6398-	7398-	8398-
6.8	5	2.5	50	63	6	6	C	5166-	5366-	5566-	5766-	4399-	6399-	7399-	8399-
6.8	10	2.5	50	63	6	6	C	5167-	5367-	5567-	5767-	4400-	6400-	7400-	8400-
6.8	20	2.5	50	63	6	6	C	5168-	5368-	5568-	5768-	4401-	6401-	7401-	8401-

1/ Dash number shall include a letter that indicates user preference for surge current/high temperature solder or the dash will be deleted.

TABLE II. Substitutability data. 1/

Dash number in MIL-C-39003/1F through /1L (B level)	Substitutable for dash number or part number in:					
	MIL-C-39003/1A, /1C, /1D, and /1E	MIL-C-39003/1B	MIL-C-39003/1	MIL-C-26655/2D		MIL-C-38102/4B (USAF)
				CS12	CS13	
6002	2001 2241 2481 2721 2961	CSR13B565KL " M " P " R " S	0001 0002 0003 0004 0005	0001	0002	4ECAA565KP
6004	2002 2242 2482 2722 2962	CSR13B685KL " M " P " R " S	0006 0007 0008 0009 0010	0003	0004	4ECAA685KP
6005	2003 2243 2483 2723 2963	CSR13B685ML " M " P " R " S	0011 0012 0013 0014 0015	0005	0006	
6007	2004 2244 2484 2724 2964	CSR13B476KL " M " P " R " S	0016 0017 0018 0019 0020	0007	0008	4ECAB476KP
6008	2005 2245 2485 2725 2965	CSR13B476ML " M " P " R " S	0021 0022 0023 0024 0025	0009	0010	
6010	2006 2246 2486 2726 2966	CSR13B566KL " M " P " R " S	0026 0027 0028 0029 0030	0011	0012	4ECAB566KP

See footnote at end of table.

TABLE II. Substitutability data - Continued. 1/

Dash number in MIL-C-39003/1F through /1L (B level)	Substitutable for dash number or part number in:					
	MIL-C-39003/1A, /1C, /1D, and /1E	MIL-C-39003/1B	MIL-C-39003/1	MIL-C-26655/2D		MIL-C-38102/4B (USAF)
				CS12	CS13	
6012	2007 2247 2487 2727 2967	CSR13B157KL " M " P " R " S	0031 0032 0033 0034 0035	0013	0014	4ECAC157KP
6013	2008 2248 2488 2728 2968	CSR13B157ML " M " P " R " S	0036 0037 0038 0039 0040	0015	0016	4ECAC157LP
6015	2009 2249 2289 2729 2969	CSR13B187KL " M " P " R " S	0041 0042 0043 0044 0045	0017	0018	4ECAC187KP
6017	2010 2250 2490 2730 2970	CSR13B277KL " M " P " R " S	0046 0047 0048 0049 0050	0019	0020	4ECAD337KP
6019	2011 2251 2491 2731 2971	CSR13B337KL " M " P " R " S	0051 0052 0053 0054 0055	0021	0022	4ECAD337KP
6020	2012 2252 2492 2732 2972	CSR13B337ML " M " P " R " S	0056 0057 0058 0059 0060	0023	0024	4ECAD337LP
6022	2013 2253 2493 2733 2973	CSR13C395KL " M " P " R " S	0061 0062 0063 0064 0065	0025	0026	4ECBA395KP
6024	2014 2254 2494 2734 2974	CSR13C475KL " M " P " R " S	0066 0067 0068 0069 0070	0027	0028	4ECBA475KP
6025	2015 2255 2495 2735 2975	CSR13C475ML " M " P " R " S	0071 0072 0073 0074 0075	0029	0030	
6027	2016 2256 2496 2736 2976	CSR13C276KL " M " P " R " S	0076 0077 0078 0079 0080	0031	0032	4ECBB276KP
6029	2017 2257 2497 2737 2977	CSR13C336KL " M " P " R " S	0081 0082 0083 0084 0085	0033	0034	

See footnote at end of table.

TABLE II. Substitutability data - Continued. 1/

Dash number in MIL-C-39003/1F through /1L (B level)	Substitutable for dash number or part number in:					
	MIL-C-39003/1A, /1C, /1D, and /1E	MIL-C-39003/1B	MIL-C-39003/1	MIL-C-26655/2D		MIL-C-38102/4B (USAF)
				CS12	CS13	
6030	2018 2258 2498 2738 2978	CSR13C336ML " M " P " R " S	0086 0087 0088 0089 0090	0035	0036	
6032	2019 2259 2499 2739 2979	CSR13C396KL " M " P " R " S	0091 0092 0093 0094 0095	0037	0038	4ECBB396KP
6034	2020 2260 2500 2740 2980	CSR13C326KL " M " P " R " S	0096 0097 0098 0099 0100	0039	0040	4ECBC826KP
6036	2021 2261 2501 2741 2981	CSR13C107KL " M " P " R " S	0101 0102 0103 0104 0105	0041	0042	4ECBC107KP
6037	2022 2262 2502 2742 2982	CSR13C107ML " M " P " R " S	0106 0107 0108 0109 0110	0043	0044	4ECBC107LP
6039	2023 2263 2503 2743 2983	CSR13C127KL " M " P " R " S	0111 0112 0113 0114 0115	0045	0046	4ECBC127KP
6041	2024 2264 2504 2744 2984	CSR13C187KL " M " P " R " S	0116 0117 0118 0119 0120	0047	0048	4ECBD187KP
6043	2025 2265 2505 2745 2985	CSR13C227KL " M " P " R " S	0121 0122 0123 0124 0125	0049	0050	4ECBD227KP
6044	2026 2266 2506 2746 2986	CSR13C227ML " M " P " R " S	0126 0127 0128 0129 0130	0051	0052	4ECBD227LP
6046	2027 2267 2507 2747 2987	CSR13D275KL " M " P " R " S	0131 0132 0133 0134 0135	0053	0054	4ECCA275KP
6048	2028 2268 2508 2748 2988	CSR13D335KL " M " P " R " S	0136 0137 0138 0139 0140	0055	0056	4ECCA335KP

See footnote at end of table.

TABLE II. Substitutability data - Continued. 1/

Dash number in MIL-C-39003/1F through /1L (B level)	Substitutable for dash number or part number in:					
	MIL-C-39003/1A, /1C, /1D, and /1E	MIL-C-39003/1B	MIL-C-39003/1	MIL-C-26655/2D		MIL-C-38102/4B (USAF)
				CS12	CS13	
6049	2029 2269 2509 2749 2989	CSR13D335ML " M " P " R " S	0141 0142 0143 0144 0145	0057	0058	
6051	2030 2270 2510 2750 2990	CSR13D186KL " M " P " R " S	0146 0147 0148 0149 0150	0059	0060	4ECCB186KP
6053	2031 2271 2511 2751 2991	CSR13D226KL " M " P " R " S	0151 0152 0153 0154 0155	0061	0062	4ECCB226KF
6054	2032 2272 2512 2752 2992	CSR13D226ML " M " P " R " S	0156 0157 0158 0159 0160	0063	0064	
6056	2033 2273 2513 2753 2993	CSR13D566KL " M " P " R " S	0161 0162 0163 0164 0165	0065	0066	4ECCC566KP
6058	2034 2274 2514 2754 2994	CSR13D686KL " M " P " R " S	0166 0167 0168 0169 0170	0067	0068	4ECCC686KP
6059	2035 2275 2515 2755 2995	CSR13D686ML " M " P " R " S	0171 0172 0173 0174 0175	0069	0070	4ECCC686LP
6061	2036 2276 2516 2756 2996	CSR13D127KL " M " P " R " S	0176 0177 0178 0179 0180	0071	0072	4ECCD127KP
6063	2037 2277 2517 2757 2997	CSR13D157KL " M " P " R " S	0181 0182 0183 0184 0185	0073	0074	4ECCD157KP
6064	2038 2278 2518 2758 2998	CSR13D157ML " M " P " R " S	0186 0187 0188 0189 0190	0075	0076	4ECCD157LP
6066	2039 2279 2519 2759 2999	CSR13E125KL " M " P " R " S	0191 0192 0193 0194 0195	0077	0078	4ECDA125KP

See footnote at end of table.

TABLE II. Substitutability data - Continued. 1/

Dash number in MIL-C-39003/1F through /1L (B level)	Substitutable for dash number or part number in:					
	MIL-C-39003/1A, /1C, /1D, and /1E	MIL-C-39003/1B	MIL-C-39003/1	MIL-C-26655/2D		MIL-C-38102/4B (USAF)
				CS12	CS13	
6068	2040 2280 2520 2760 3000	CSR13E155KL " M " P " R " S	0196 0197 0198 0199 0200	0079	0080	4ECDA155KP
6069	2041 2281 2521 2761 3001	CSR13E155ML " M " P " R " S	0201 0202 0203 0204 0205	0081	0082	
6071	2042 2282 2522 2762 3002	CSR13E185KL " M " P " R " S	0206 0207 0208 0209 0210	0083	0084	4ECDA185KP
6073	2043 2283 2523 2763 3003	CSR13E225KL " M " P " R " S	0211 0212 0213 0214 0215	0085	0086	4ECDA225KP
6074	2044 2284 2524 2764 3004	CSR13E225ML " M " P " R " S	0216 0217 0218 0219 0220	0087	0088	
6076	2045 2285 2525 2765 3005	CSR13E825KL " M " P " R " S	0221 0222 0223 0224 0225	0089	0090	4ECDB825KP
6078	2046 2286 2526 2766 3006	CSR13E106KL " M " P " R " S	0226 0227 0228 0229 0230	0091	0092	4ECDB106KP
6079	2047 2287 2527 2767 3007	CSR13E106ML " M " P " R " S	0231 0232 0233 0234 0235	0093	0094	
6081	2048 2288 2528 2768 3008	CSR13E126L " M " P " R " S	0236 0237 0238 0239 0240	0095	0096	4ECDB126KP
6083	2049 2289 2529 2769 3009	CSR13E156KL " M " P " R " S	0241 0242 0243 0244 0245	0097	0098	4ECDB156KP
6084	2050 2290 2530 2770 3010	CSR13E156ML " M " P " R " S	0246 0247 0248 0249 0250	0099	0100	

See footnote at end of table.

TABLE II. Substitutability data - Continued. 1/

Dash number in MIL-C-39003/1F through /1L (B level)	Substitutable for dash number or part number in:					
	MIL-C-39003/1A, /1C, /1D, and /1E	MIL-C-39003/1B	MIL-C-39003/1	MIL-C-26655/2D		MIL-C-38102/4B (USAF)
				CS12	CS13	
6086	2051 2291 2531 2771 3011	CSR13E276KL " M " P " R " S	0251 0252 0253 0254 0255	0101	0102	4ECDC276KP
6088	2052 2292 2532 2772 3012	CSR13E336KL " M " P " R " S	0256 0257 0258 0259 0260	0103	0104	4ECDC336KP
6089	2053 2293 2533 2773 3013	CSR13E336ML " M " P " R " S	0261 0262 0263 0264 0265	0105	0106	4ECDC336LP
6091	2054 2294 2534 2774 3014	CSR13E396KL " M " P " R " S	0266 0267 0268 0269 0270	0107	0108	4ECDC396KP
6093	2055 2295 2535 2775 3015	CSR13E476KL " M " P " R " S	0271 0272 0273 0274 0275	0109	0110	4ECDC476KP
6094	2056 2296 2536 2776 3016	CSR13E476ML " M " P " R " S	0276 0277 0278 0279 0280	0111	0112	4ECDC476LP
6096	2057 2297 2537 2777 3017	CSR13E566KL " M " P " R " S	0281 0282 0283 0284 0285	0113	0114	4ECDD566KP
6098	2058 2298 2538 2778 3018	CSR13E686KL " M " P " R " S	0286 0287 0288 0289 0290	0115	0116	4ECDD686KP
6099	2059 2299 2539 2779 3019	CSR13E686ML " M " P " R " S	0291 0292 0293 0294 0295	0117	0118	4ECDD686LP
6101	2060 2300 2540 2780 3020	CSR13E826KL " M " P " R " S	0296 0297 0298 0299 0300	0119	0120	4ECDD826KP
6103	2061 2301 2541 2781 3021	CSR13E107KL " M " P " R " S	0301 0302 0303 0304 0305	0121	0122	4ECDD107KP

See footnote at end of table.

TABLE II. Substitutability data - Continued. 1/

Dash number in MIL-C-39003/1F through /1L (B level)	Substitutable for dash number or part number in:					
	MIL-C-39003/1A, /1C, /1D, and /1E	MIL-C-39003/1B	MIL-C-39003/1	MIL-C-26655/2D		MIL-C-38102/4B (USAF)
				CS12	CS13	
6104	2062 2302 2542 2782 3022	CSR13E107ML " M " P " R " S	0306 0307 0308 0309 0310	0123	0124	4ECDD107LP
6106	2063 2303 2543 2783 3023	CSR13F565KL " M " P " R " S	0311 0312 0313 0314 0315	0171	0172	4ECEB566KP
6108	2064 2304 2544 2784 3024	CSR13F685KL " M " P " R " S	0316 0317 0318 0319 0320	1073	0174	4ECEB685KP
6109	2065 2305 2545 2785 3025	CSR13F685ML " M " P " R " S	0321 0322 0323 0324 0325	0175	0176	
6111	2066 2306 2546 2786 3026	CSR13F226KL " M " P " R " S	0326 0327 0328 0329 0330	0191	0192	4ECEC226KP
6112	2067 2307 2547 2787 3027	CSR13F226ML " M " P " R " S	0331 0332 0333 0334 0335	0193	0194	4ECEC226LP
6114	2068 2308 2548 2788 3028	CSR13F276KL " M " P " R " S	0336 0337 0338 0339 0340	0195	0196	4ECED276KP
6116	2069 2309 2549 2789 3029	CSR13F336KL " M " P " R " S	0341 0342 0343 0344 0345	0197	0198	4ECED336KP
6117	2070 2310 2550 2790 3030	CSR13F336ML " M " P " R " S	0346 0347 0348 0349 0350	0199	0200	4ECED336LP
6119	2071 2311 2551 2791 3031	CSR13F396KL " M " P " R " S	0351 0352 0353 0354 0355	0201	0202	4ECED396KP
6121	2072 2312 2552 2792 3032	CSR13F476KL " M " P " R " S	0356 0357 0358 0359 0360	0203	0204	4ECED476KP

See footnote at end of table.

TABLE II. Substitutability data - Continued. 1/

Dash number in MIL-C-39003/1F through /1L (B level)	Substitutable for dash number or part number in:					
	MIL-C-39003/1A, /1C, /1D, and /1E	MIL-C-39003/1B	MIL-C-39003/1	MIL-C-26655/2D		MIL-C-38102/4B (USAF)
				CS12	CS13	
6122	2073 2313 2553 2793 3033	CSR13F476ML " M " P " R " S	0361 0362 0363 0364 0365	0205	0206	4ECED476LP
6124	2074 2314 2554 2794 3034	CSR13G472KL " M " P " R " S	0366 0367 0368 0369 0370			4ECEA472KP
6125	2075 2315 2555 2795 3035	CSR13G472ML " M " P " R " S	0371 0372 0373 0374 0375			
6127	2076 2316 2556 2796 3036	CSR13G562KL " M " P " R " S	0376 0377 0378 0379 0380			4ECEA562KP
6129	2077 2317 2557 2797 3037	CSR13G682KL " M " P " R " S	0381 0382 0383 0384 0385			4ECEA682KP
6130	2078 2318 2558 2798 3038	CSR13G682ML " M " P " R " S	0386 0387 0388 0389 0390			
6132	2079 2319 2559 2799 3039	CSR13G822KL " M " P " R " S	0391 0392 0393 0394 0395			4ECEA822KP
6134	2080 2320 2560 2800 3040	CSR13G103KL " M " P " R " S	0396 0397 0398 0399 0400			4ECEA103KP
6135	2081 2321 2561 2801 3041	CSR13G103ML " M " P " R " S	0401 0402 0403 0404 0405			
6137	2082 2322 2562 2802 3042	CSR13G123KL " M " P " R " S	0406 0407 0408 0409 0410			4ECEA123KP
6139	2083 2323 2563 2803 3043	CSR13G153KL " M " P " R " S	0411 0412 0413 0414 0415			4ECEA153KP

See footnote at end of table.

TABLE II. Substitutability data - Continued. 1/

Dash number in MIL-C-39003/1F through /1L (B level)	Substitutable for dash number or part number in:					
	MIL-C-39003/1A, /1C, /1D, and /1E	MIL-C-39003/1B	MIL-C-39003/1	MIL-C-26655/2D		MIL-C-38102/4B (USAF)
				CS12	CS13	
6140	2084 2324 2564 2804 3044	CSR13G153ML " M " P " R " S	0416 0417 0418 0419 0420			
6142	2085 2325 2565 2805 3045	CSR13G183KL " M " P " R " S	0421 0422 0423 0424 0425			4ECEA183KP
6144	2086 2326 2566 2806 3046	CSR13G223KL " M " P " R " S	0426 0427 0428 0429 0430			4ECEA223KP
6145	2087 2327 2567 2807 3047	CSR13G223ML " M " P " R " S	0431 0432 0433 0434 0435			
6147	2088 2328 2568 2808 3048	CSR13G273KL " M " P " R " S	0436 0437 0438 0439 0440			4ECEA273KP
6149	2089 2329 2569 2809 3049	CSR13G333KL " M " P " R " S	0441 0442 0443 0444 0445			4ECEA333KP
6150	2090 2330 2570 2810 3050	CSR13G333ML " M " P " R " S	0446 0447 0448 0449 0450			
6152	2091 2331 2571 2811 3051	CSR13G393KL " M " P " R " S	0451 0452 0453 0454 0455			4ECEA393KP
6154	2092 2332 2572 2812 3052	CSR13G473KL " M " P " R " S	0456 0457 0458 0459 0460			4ECEA473KP
6155	2093 2333 2573 2813 3053	CSR13G473ML " M " P " R " S	0461 0462 0463 0464 0465			
6157	2094 2334 2574 2814 3054	CSR13G563KL " M " P " R " S	0466 0467 0468 0469 0470			4ECEA563KP

See footnote at end of table.

TABLE II. Substitutability data - Continued. 1/

Dash number in MIL-C-39003/1F through /1L (B level)	Substitutable for dash number or part number in:					
	MIL-C-39003/1A, /1C, /1D, and /1E	MIL-C-39003/1B	MIL-C-39003/1	MIL-C-26655/2D		MIL-C-38102/4B (USAF)
				CS12	CS13	
6159	2095 2335 2575 2815 3055	CSR13G683KL " M " P " R " S	0471 0472 0473 0474 0475			4ECEA683KP
6160	2096 2336 2576 2816 3056	CSR13G683ML " M " P " R " S	0476 0477 0478 0479 0480			
6162	2097 2337 2577 2817 3057	CSR13G823KL " M " P " R " S	0481 0482 0483 0484 0485			4ECEA823KP
6164	2098 2338 2578 2818 3058	CSR13G104KL " M " P " R " S	0486 0487 0488 0489 0490			4ECEA104KP
6165	2099 2339 2579 2819 3059	CSR13G104ML " M " P " R " S	0491 0492 0493 0494 0495			
6167	2100 2340 2580 2820 3060	CSR13G124KL " M " P " R " S	0496 0497 0498 0499 0500			4ECEA124KP
6169	2101 2341 2581 2821 3061	CSR13G154KL " M " P " R " S	0501 0502 0503 0504 0505			4ECEA154KP
6170	2102 2342 2582 2822 3062	CSR13G154ML " M " P " R " S	0506 0507 0508 0509 0510			
6172	2103 2343 2583 2823 3063	CSR13G184KL " M " P " R " S	0511 0512 0513 0514 0515			4ECEA184KP
6174	2104 2344 2584 2824 3064	CSR13G224KL " M " P " R " S	0516 0517 0518 0519 0520			4ECEA224KP
6175	2105 2345 2585 2825 3065	CSR13G224ML " M " P " R " S	0521 0522 0523 0524 0525			

See footnote at end of table.

TABLE II. Substitutability data - Continued. 1/

Dash number in MIL-C-39003/1F through /1L (B level)	Substitutable for dash number or part number in:					
	MIL-C-39003/1A, /1C, /1D, and /1E	MIL-C-39003/1B	MIL-C-39003/1	MIL-C-26655/2D		MIL-C-38102/4B (USAF)
				CS12	CS13	
6177	2106 2346 2586 2826 3066	CSR13G274KL " M " P " R " S	0526 0527 0528 0529 0530			4ECEA274KP
6179	2107 2347 2587 2827 3067	CSR13G334KL " M " P " R " S	0531 0532 0533 0534 0535			4ECEA334KP
6180	2108 2348 2588 2828 3068	CSR13G334ML " M " P " R " S	0536 0537 0538 0539 0540			
6182	2109 2349 2589 2829 3069	CSR13G394KL " M " P " R " S	0541 0542 0543 0544 0545			4ECEA394KP
6184	2110 2350 2590 2830 3070	CSR13G474KL " M " P " R " S	0546 0547 0548 0549 0550			4ECEA474KP
6185	2111 2351 2591 2831 3071	CSR13G474ML " M " P " R " S	0551 0552 0553 0554 0555			
6187	2112 2352 2592 2832 3072	CSR13G564KL " M " P " R " S	0556 0557 0558 0559 0560			4ECEA564KP
6189	2113 2353 2593 2833 3073	CSR13G684KL " M " P " R " S	0561 0562 0563 0564 0565			4ECEA684KP
6190	2114 2354 2594 2834 3074	CSR13G684ML " M " P " R " S	0566 0567 0568 0569 0570			
6192	2115 2355 2595 2835 3075	CSR13G824KL " M " P " R " S	0571 0572 0573 0574 0575			4ECEA824KP
6194	2116 2356 2596 2836 3076	CSR13G105KL " M " P " R " S	0576 0577 0578 0579 0580	0207	0208	4ECEA105KP

See footnote at end of table.

TABLE II. Substitutability data - Continued. 1/

Dash number in MIL-C-39003/1F through /1L (B level)	Substitutable for dash number or part number in:					
	MIL-C-39003/1A, /1C, /1D, and /1E	MIL-C-39003/1B	MIL-C-39003/1	MIL-C-26655/2D		MIL-C-38102/4B (USAF)
				CS12	CS13	
6195	2117 2357 2597 2837 3077	CSR13G105ML " M " P " R " S	0581 0582 0583 0584 0585	0209	0210	
6197	2118 2358 2598 2838 3078	CSR13G125KL " M " P " R " S	0586 0587 0588 0589 0590	0211	0212	4ECEB125KP
6199	2119 2359 2599 2839 3079	CSR13G155KL " M " P " R " S	0591 0592 0593 0594 0595	0213	0214	4ECEB155KP
6200	2120 2360 2600 2840 3080	CSR13G155ML " M " P " R " S	0596 0597 0598 0599 0600	0215	0216	
6202	2121 2361 2601 2841 3081	CSR13G185ML " M " P " R " S	0601 0602 0603 0604 0605	0217	0218	4ECEB185KP
6204	2122 2362 2602 2842 3082	CSR13G225KL " M " P " R " S	0606 0607 0608 0609 0610	0219	0220	4ECEB225KP
6205	2123 2363 2603 2843 3083	CSR13G225ML " M " P " R " S	0611 0612 0613 0614 0615	0221	0222	
6207	2124 2364 2604 2844 3084	CSR13G275KL " M " P " R " S	0616 0617 0618 0619 0620	0223	0224	4ECEB275KP
6209	2125 2365 2605 2845 3085	CSR13G335KL " M " P " R " S	0621 0622 0623 0624 0625	0225	0226	4ECEB335KP
6210	2126 2366 2606 2846 3086	CSR13G335ML " M " P " R " S	0626 0627 0628 0629 0630	0227	0228	
6212	2127 2367 2607 2847 3087	CSR13G395KL " M " P " R " S	0631 0632 0633 0634 0635	0229	0230	4ECEB395KP

See footnote at end of table.

TABLE II. Substitutability data - Continued. 1/

Dash number in MIL-C-39003/1F through /1L (B level)	Substitutable for dash number or part number in:					
	MIL-C-39003/1A, /1C, /1D, and /1E	MIL-C-39003/1B	MIL-C-39003/1	MIL-C-26655/2D		MIL-C-38102/4B (USAF)
				CS12	CS13	
6214	2128 2368 2608 2848 3088	CSR13G475KL " M " P " R " S	0636 0637 0638 0639 0640	0231	0232	4ECEB475KP
6215	2129 2369 2609 2849 3089	CSR13G475ML " M " P " R " S	0641 0642 0643 0644 0645	0233	0234	
6217	2130 2370 2610 2850 3090	CSR13G565KL " M " P " R " S	0646 0647 0648 0649 0650	0235	0236	
6219	2131 2371 2611 2851 3091	CSR13G685KL " M " P " R " S	0651 0652 0653 0654 0655	0237	0238	
6220	2132 2372 2612 2852 3092	CSR13G685ML " M " P " R " S	0656 0657 0658 0659 0660	0239	0240	
6222	2133 2373 2613 2853 3093	CSR13G825KL " M " P " R " S	0661 0662 0663 0664 0665	0241	0242	4ECEC825KP
6224	2134 2374 2614 2854 3094	CSR13G106KL " M " P " R " S	0666 0667 0668 0669 0670	0243	0244	4ECEC106KP
6225	2135 2375 2615 2855 3095	CSR13G106ML " M " P " R " S	0671 0672 0673 0674 0675	0245	0246	4ECEC106LP
6227	2136 2376 2616 2856 3096	CSR13G126KL " M " P " R " S	0676 0677 0678 0679 0680	0247	0248	4ECEC126KP
6229	2137 2377 2617 2857 3097	CSR13G156KL " M " P " R " S	0681 0682 0683 0684 0685	0249	0250	4ECEC156KP
6230	2138 2378 2618 2858 3098	CSR13G156ML " M " P " R " S	0686 0687 0688 0689 0690	0251	0252	4ECEC156LP

See footnote at end of table.

TABLE II. Substitutability data - Continued. 1/

Dash number in MIL-C-39003/1F through /1L (B level)	Substitutable for dash number or part number in:					
	MIL-C-39003/1A, /1C, /1D, and /1E	MIL-C-39003/1B	MIL-C-39003/1	MIL-C-26655/2D		MIL-C-38102/4B (USAF)
				CS12	CS13	
6232	2139 2379 2619 2859 3099	CSR13G186KL " M " P " R " S	0691 0692 0693 0694 0695	0253	0254	4ECEC186KP
6234	2140 2380 2620 2860 3100	CSR13G226KL " M " P " R " S	0696 0697 0698 0699 0700	0255	0256	
6235	2141 2381 2621 2861 3101	CSR13G226ML " M " P " R " S	0701 0702 0703 0704 0705	0257	0258	
6237	2142 2382 2622 2862 3102	CSR13H104KL " M " P " R " S	0706 0707 0708 0709 0710	0259	0260	
6238	2143 2383 2623 2863 3103	CSR13H104ML " M " P " R " S	0711 0712 0713 0714 0715	0261	0262	
6240	2144 2384 2624 2864 3104	CSR13H124KL " M " P " R " S	0716 0717 0718 0719 0720	0263	0264	
6242	2145 2385 2625 2865 3105	CSR13H154KL " M " P " R " S	0721 0722 0723 0724 0725	0265	0266	
6243	2146 2386 2626 2866 3106	CSR13H154ML " M " P " R " S	0726 0727 0728 0729 0730	0267	0268	
6245	2147 2387 2627 2867 3107	CSR13H184KL " M " P " R " S	0731 0732 0733 0734 0735	0269	0270	
6247	2148 2388 2628 2868 3108	CSR13H224KL " M " P " R " S	0736 0737 0738 0739 0740	0271	0272	
6248	2149 2389 2629 2869 3109	CSR13H224ML " M " P " R " S	0741 0742 0743 0744 0745	0273	0274	

See footnote at end of table.

TABLE II. Substitutability data - Continued. 1/

Dash number in MIL-C-39003/1F through /1L (B level)	Substitutable for dash number or part number in:					
	MIL-C-39003/1A, /1C, /1D, and /1E	MIL-C-39003/1B	MIL-C-39003/1	MIL-C-26655/2D		MIL-C-38102/4B (USAF)
				CS12	CS13	
6250	2150 2390 2630 2870 3110	CSR13H274KL " M " P " R " S	0746 0747 0748 0749 0750	0275	0276	
6252	2151 2391 2631 2871 3111	CSR13H334KL " M " P " R " S	0751 0752 0753 0754 0755	0277	0278	
6253	2152 2392 2632 2872 3112	CSR13H334ML " M " P " R " S	0756 0757 0758 0759 0760	0279	0280	
6255	2153 2393 2633 2873 3113	CSR13H394KL " M " P " R " S	0761 0762 0763 0764 0765	0281	0282	
6257	2154 2394 2634 2874 3114	CSR13H474KL " M " P " R " S	0766 0767 0768 0769 0770	0283	0284	
6258	2155 2395 2635 2875 3115	CSR13H474KL " M " P " R " S	0771 0772 0773 0774 0775	0285	0286	
6260	2156 2396 2636 2876 3116	CSR13H564KL " M " P " R " S	0776 0777 0778 0779 0780	0287	0288	
6262	2157 2397 2637 2877 3117	CSR13H684KL " M " P " R " S	0781 0782 0783 0784 0785	0289	0290	
6263	2158 2398 2638 2878 3118	CSR13H684ML " M " P " R " S	0786 0787 0788 0789 0790	0291	0292	
6265	2159 2399 2639 2879 3119	CSR13H824KL " M " P " R " S	0791 0792 0793 0794 0795	0293	0294	
6267	2160 2400 2640 2880 3120	CSR13H105KL " M " P " R " S	0796 0797 0798 0799 0800	0295	0296	

See footnote at end of table.

TABLE II. Substitutability data - Continued. 1/

Dash number in MIL-C-39003/1F through /1L (B level)	Substitutable for dash number or part number in:					
	MIL-C-39003/1A, /1C, /1D, and /1E	MIL-C-39003/1B	MIL-C-39003/1	MIL-C-26655/2D		MIL-C-38102/4B (USAF)
				CS12	CS13	
6268	2161 2401 2641 2881 3121	CSR13H105ML " M " P " R " S	0801 0802 0803 0804 0805	0297	0298	
6270	2162 2402 2642 2882 3122	CSR13H125KL " M " P " R " S	0806 0807 0808 0809 0810	0299	0300	
6272	2163 2403 2643 2883 3123	CSR13H155KL " M " P " R " S	0811 0812 0813 0814 0815	0301	0302	
6273	2164 2404 2644 2884 3124	CSR13H155ML " M " P " R " S	0816 0817 0818 0819 0820	0303	0304	
6275	2165 2405 2645 2885 3125	CSR13H185KL " M " P " R " S	0821 0822 0823 0824 0825	0305	0306	
6277	2166 2406 2646 2886 3126	CSR13H225KL " M " P " R " S	0826 0827 0828 0829 0830	0307	0308	
6278	2167 2407 2647 2887 3127	CSR13H225ML " M " P " R " S	0831 0832 0833 0834 0835	0309	0310	
6280	2168 2408 2648 2888 3128	CSR13H275KL " M " P " R " S	0836 0837 0838 0839 0840	0311	0312	
6282	2169 2409 2649 2889 3129	CSR13H335KL " M " P " R " S	0841 0842 0843 0844 0845	0313	0314	
6283	2170 2410 2650 2890 3130	CSR13H335ML " M " P " R " S	0846 0847 0848 0849 0850	0315	0316	
6285	2171 2411 2651 2891 3131	CSR13H395KL " M " P " R " S	0851 0852 0853 0854 0855	0317	0318	

See footnote at end of table.

TABLE II. Substitutability data - Continued. 1/

Dash number in MIL-C-39003/1F through /1L (B level)	Substitutable for dash number or part number in:					
	MIL-C-39003/1A, /1C, /1D, and /1E	MIL-C-39003/1B	MIL-C-39003/1	MIL-C-26655/2D		MIL-C-38102/4B (USAF)
				CS12	CS13	
6287	2172 2412 2652 2892 3132	CSR13H475KL " M " P " R " S	0856 0857 0858 0859 0860	0319	0320	
6288	2173 2413 2653 2893 3133	CSR13H475ML " M " P " R " S	0861 0862 0863 0864 0865	0321	0322	
6290	2174 2414 2654 2894 3134	CSR13H565KL " M " P " R " S	0866 0867 0868 0869 0870	0323	0324	
6292	2175 2415 2655 2895 3135	CSR13H685KL " M " P " R " S	0871 0872 0873 0874 0875	0325	0326	
6293	2176 2416 2656 2896 3136	CSR13H685ML " M " P " R " S	0876 0877 0878 0879 0880	0327	0328	
6295	2177 2417 2657 2897 3137	CSR13H825KL " M " P " R " S	0881 0882 0883 0884 0885	0329	0330	
6297	2178 2418 2658 2898 3138	CSR13H106KL " M " P " R " S	0886 0887 0888 0889 0890	0331	0332	
6298	2179 2419 2659 2899 3139	CSR13H106ML " M " P " R " S	0891 0892 0893 0894 0895	0333	0334	
6300	2180 2420 2660 2900 3140	CSR13H126KL " M " P " R " S	0896 0897 0898 0899 0900	0335	0336	
6302	2181 2421 2661 2901 3141	CSR13H156KL " M " P " R " S	0901 0902 0903 0904 0905	0337	0338	
6303	2182 2422 2662 2902 3142	CSR13H156ML " M " P " R " S	0906 0907 0908 0909 0910	0339	0340	

See footnote at end of table.

TABLE II. Substitutability data - Continued. 1/

Dash number in MIL-C-39003/1F through /1L (B level)	Substitutable for dash number or part number in:					
	MIL-C-39003/1A, /1C, /1D, and /1E	MIL-C-39003/1B	MIL-C-39003/1	MIL-C-26655/2D		MIL-C-38102/4B (USAF)
				CS12	CS13	
6305	2183 2423 2663 2903 3143	CSR13J472KL " M " P " R " S		0341	0342	
6306	2184 2424 2664 2904 3144	CSR13J472ML " M " P " R " S		0343	0344	
6308	2185 2425 2665 2905 3145	CSR13J562KL " M " P " R " S		0345	0346	
6310	2186 2426 2666 2906 3146	CSR13J682KL " M " P " R " S		0347	0348	
6311	2187 2427 2667 2907 3147	CSR13J682ML " M " P " R " S		0349	0350	
6313	2188 2428 2668 2908 3148	CSR13J822KL " M " P " R " S		0351	0352	
6315	2189 2429 2669 2909 3149	CSR13J103KL " M " P " R " S		0353	0354	
6316	2190 2430 2670 2910 3150	CSR13J103ML " M " P " R " S		0355	0356	
6318	2191 2431 2671 2911 3151	CSR13J123KL " M " P " R " S		0357	0358	
6320	2192 2432 2672 2912 3152	CSR13J153KL " M " P " R " S		0359	0360	
6321	2193 2433 2673 2913 3153	CSR13J153ML " M " P " R " S		0361	0362	

See footnote at end of table.

TABLE II. Substitutability data - Continued. 1/

Dash number in MIL-C-39003/1F through /1L (B level)	Substitutable for dash number or part number in:					
	MIL-C-39003/1A, /1C, /1D, and /1E	MIL-C-39003/1B	MIL-C-39003/1	MIL-C-26655/2D		MIL-C-38102/4B (USAF)
				CS12	CS13	
6323	2194 2434 2674 2914 3154	CSR13J183KL " M " P " R " S		0363	0364	
6325	2195 2435 2675 2915 3155	CSR13J223KL " M " P " R " S		0365	0366	
6326	2196 2436 2676 2916 3156	CSR13J223ML " M " P " R " S		0367	0368	
6328	2197 2437 2677 2917 3157	CSR13K273KL " M " P " R " S		0369	0370	
6330	2198 2438 2678 2918 3158	CSR13J333KL " M " P " R " S		0371	0372	
6331	2199 2439 2679 2919 3159	CSR13J333ML " M " P " R " S		0373	0374	
6333	2200 2440 2680 2920 3160	CSR13J393KL " M " P " R " S		0375	0376	
6335	2201 2441 2681 2921 3161	CSR13J473KL " M " P " R " S		0377	0378	
6336	2202 2442 2682 2922 3162	CSR13J473ML " M " P " R " S		0379	0380	
6338	2203 2443 2683 2923 3163	CSR13J563KL " M " P " R " S		0381	0382	
6340	2204 2444 2684 2924 3164	CSR13J683KL " M " P " R " S		0383	0384	

See footnote at end of table.

TABLE II. Substitutability data - Continued. 1/

Dash number in MIL-C-39003/1F through /1L (B level)	Substitutable for dash number or part number in:					
	MIL-C-39003/1A, /1C, /1D, and /1E	MIL-C-39003/1B	MIL-C-39003/1	MIL-C-26655/2D		MIL-C-38102/4B (USAF)
				CS12	CS13	
6341	2205 2445 2685 2925 3165	CSR13K683ML " M " P " R " S		0385	0386	
6343	2206 2446 2686 2926 3166	CSR13J823KL " M " P " R " S		0387	0388	
6345	2207 2447 2687 2927 3167	CSR13J104KL " M " P " R " S	0911 0912 0913 0914 0915	0389	0390	
6346	2208 2448 2688 2928 3168	CSR13J104ML " M " P " R " S	0916 0917 0918 0919 0920	0391	0392	
6348	2209 2449 2689 2929 3169	CSR13J124KL " M " P " R " S	0921 0922 0923 0924 0925	0393	0394	
6350	2210 2450 2690 2930 3170	CSR13J154KL " M " P " R " S	0926 0927 0928 0929 0930	0395	0396	
6351	2211 2451 2691 2931 3171	CSR13J154ML " M " P " R " S	0931 0932 0933 0934 0935	0397	0398	
6353	2212 2452 2692 2932 3172	CSR13J184KL " M " P " R " S	0936 0937 0938 0939 0940	0399	0400	
6355	2213 2453 2693 2933 3173	CSR13J224KL " M " P " R " S	0941 0942 0943 0944 0945	0401	0402	
6356	2214 2454 2694 2934 3174	CSR13J224ML " M " P " R " S	0946 0947 0948 0949 0950	0403	0404	
6358	2215 2455 2695 2935 3175	CSR13J274KL " M " P " R " S	0951 0952 0953 0954 0955	0405	0406	

See footnote at end of table.

TABLE II. Substitutability data - Continued. 1/

Dash number in MIL-C-39003/1F through /1L (B level)	Substitutable for dash number or part number in:					
	MIL-C-39003/1A, /1C, /1D, and /1E	MIL-C-39003/1B	MIL-C-39003/1	MIL-C-26655/2D		MIL-C-38102/4B (USAF)
				CS12	CS13	
6360	2216 2456 2696 2936 3176	CSR13J334KL " M " P " R " S	0956 0957 0958 0959 0960	0407	0408	
6361	2217 2457 2697 2937 3177	CSR13J334ML " M " P " R " S	0961 0962 0963 0964 0965	0409	0410	
6363	2218 2458 2698 2938 3178	CSR13J394KL " M " P " R " S	0966 0967 0968 0969 0970	0411	0412	
6365	2219 2459 2699 2939 3179	CSR13J474KL " M " P " R " S	0971 0972 0973 0974 0975	0413	0414	
6366	2220 2460 2700 2940 3180	CSR13J474ML " M " P " R " S	0976 0977 0978 0979 0980	0415	0416	
6368	2221 2461 2701 2941 3181	CSR13J564KL " M " P " R " S	0981 0982 0983 0984 0985	0417	0418	
6370	2222 2462 2702 2942 3182	CSR13J684KL " M " P " R " S	0986 0987 0988 0989 0990	0419	0420	
6371	2223 2463 2703 2943 3183	CSR13J684ML " M " P " R " S	0991 0992 0993 0994 0995	0421	0422	
6373	2224 2464 2704 2944 3184	CSR13J824KL " M " P " R " S	0996 0997 0998 0999 1000	0423	0424	
6375	2225 2465 2705 2945 3185	CSR13J105KL " M " P " R " S	1001 1002 1003 1004 1005	0425	0426	
6376	2226 2466 2706 2946 3186	CSR13J105ML " M " P " R " S	1006 1007 1008 1009 1010	0427	0428	

See footnote at end of table.

TABLE II. Substitutability data - Continued. 1/

Dash number in MIL-C-39003/1F through /1L (B level)	Substitutable for dash number or part number in:					
	MIL-C-39003/1A, /1C, /1D, and /1E	MIL-C-39003/1B	MIL-C-39003/1	MIL-C-26655/2D		MIL-C-38102/4B (USAF)
				CS12	CS13	
6378	2227	CSR13J125KL	1011	0429	0430	
	2467	" M	1012			
	2707	" P	1013			
	2947	" R	1014			
	3187	" S	1015			
6380	2228	CSR13J155KL	1016	0431	0432	
	2468	" M	1017			
	2708	" P	1018			
	2948	" R	1019			
	3188	" S	1020			
6381	2229	CSR13J155ML	1021	0433	0434	
	2469	" M	1022			
	2709	" P	1023			
	2949	" R	1024			
	3189	" S	1025			
6383	2230	CSR13J185KL	1026	0435	0436	
	2470	" M	1027			
	2710	" P	1028			
	2950	" R	1029			
	3190	" S	1030			
6385	2231	CSR13J225KL	1031	0437	0438	
	2471	" M	1032			
	2711	" P	1033			
	2951	" R	1034			
	3191	" S	1035			
6386	2232	CSR13J225ML	1036	0439	0440	
	2472	" M	1037			
	2712	" P	1038			
	2952	" R	1039			
	3192	" S	1040			
6388	2233	CSR13J275KL	1041	0441	0442	
	2473	" M	1042			
	2713	" P	1043			
	2953	" R	1044			
	3193	" S	1045			

1/ Items having a lower failure rate (FRL) may be substituted for items of a higher FRL.

Example: -2961(S) may replace -2001(L), -2241(M), -2481(P) and -2721(R)
-2721(R) may replace -2001(L), -2241(M), and -2481(P)
-2481(P) may replace -2001(L),and -2241(M)
-2241(M) may replace -2001(L).

Also shown in this table are units covered by past issues of this specification sheet (which are identified by either dash number or type designation) and units formerly covered by MIL-C-26655/2D and MIL-C-38102/4B(USAF). Table II is arranged in such a manner that the first line of a group is FRL "L" and progresses downward to FRL "S". In this manner of grouping, the FRL of a specific dash number may be identified.

TABLE III. Substitutability for number of MIL-C-39003/5(USAF).

Dash number in MIL-C-39003/1F through /1L	Substitutable for dash number in MIL-C-39003/5 (USAF)		Dash number in MIL-C-39003/1F through /1L	Substitutable for dash number in MIL-C-39003/5 (USAF)		Dash number in MIL-C-39003/1F through /1L	Substitutable for dash number in MIL-C-39003/5 (USAF)	
M (1.0)	L (2.0)	M(1.0)	M (1.0)	L (2.0)	M(1.0)	M (1.0)	L (2.0)	M(1.0)
5001	0001	0161	5053	0053	0213	5105	0105	0265
5002	0002	0162	5054	0054	0214	5106	0106	0266
5003	0003	0163	5055	0055	0215	5107	0107	0267
5004	0004	0164	5056	0056	0216	5108	0108	0268
5005	0005	0165	5057	0057	0217	5109	0109	0269
5006	0006	0166	5058	0058	0218	5110	0110	0270
5007	0007	0167	5059	0059	0219	5111	0111	0271
5008	0008	0168	5060	0060	0220	5112	0112	0272
5009	0009	0169	5061	0061	0221	5113	0113	0273
5010	0010	0170	5062	0062	0222	5114	0114	0274
5011	0011	0171	5063	0063	0223	5115	0115	0275
5012	0012	0172	5064	0064	0224	5116	0116	0276
5013	0013	0173	5065	0065	0225	5117	0117	0277
5014	0014	0174	5066	0066	0226	5118	0118	0278
5015	0015	0175	5067	0067	0227	5119	0119	0279
5016	0016	0176	5068	0068	0228	5120	0120	0280
5017	0017	0177	5069	0069	0229	5121	0121	0281
5018	0018	0178	5070	0070	0230	5122	0122	0282
5019	0019	0179	5071	0071	0231	5123	0123	0283
5020	0020	0180	5072	0072	0232	5124	0124	0284
5021	0021	0181	5073	0073	0233	5125	0125	0285
5022	0022	0182	5074	0074	0234	5126	0126	0286
5023	0023	0183	5075	0075	0235	5127	0127	0287
5024	0024	0184	5076	0076	0236	5128	0128	0288
5025	0025	0185	5077	0077	0237	5129	0129	0289
5026	0026	0186	5078	0078	0238	5130	0130	0290
5027	0027	0187	5079	0079	0239	5131	0131	0291
5028	0028	0188	5080	0080	0240	5132	0132	0292
5029	0029	0189	5081	0081	0241	5133	0133	0293
5030	0030	0190	5082	0082	0242	5134	0134	0294
5031	0031	0191	5083	0083	0243	5135	0135	0295
5032	0032	0192	5084	0084	0244	5136	0136	0296
5033	0033	0193	5085	0085	0245	5137	0137	0297
5034	0034	0194	5086	0086	0246	5138	0138	0298
5035	0035	0195	5087	0087	0247	5139	0139	0299
5036	0036	0196	5088	0088	0248	5140	0140	0300
5037	0037	0197	5089	0089	0249	5141	0141	0301
5038	0038	0198	5090	0090	0250	5142	0142	0302
5039	0039	0199	5091	0091	0251	5143	0143	0303
5040	0040	0200	5092	0092	0252	5144	0144	0304
5041	0041	0201	5093	0093	0253	5145	0145	0305
5042	0042	0202	5094	0094	0254	5146	0146	0306
5043	0043	0203	5095	0095	0255	5147	0147	0307
5044	0044	0204	5096	0096	0256	5148	0148	0308
5045	0045	0205	5097	0097	0257	5149	0149	0309
5046	0046	0206	5098	0098	0258	5150	0150	0310
5047	0047	0207	5099	0099	0259	5151	0151	0311
5048	0048	0208	5100	0100	0260	5152	0152	0312
5049	0049	0209	5101	0101	0261	5153	0153	0313
5050	0050	0210	5102	0102	0262	5154	0154	0314
5051	0051	0211	5103	0103	0263	5155	0155	0315
5052	0052	0212	5104	0104	0264			

TABLE III. Substitutability for number of MIL-C-39003/5(USAF) - Continued.

Dash number in MIL-C-39003/1F through /1L	Substitutable for dash number in MIL-C-39003/5 (USAF)				
	L(2.0)	M(1.0)	P(0.1)	R(0.01)	S(0.001)
5201 P(0.1)	0001	0161	0321		
5355 P(0.1)	0155	0315	0475		
5401 R(0.01)	0001	0161	0321	0481	
5555 R(0.01)	0155	0315	0475	0635	
5601 S(0.001)	0001	0161	0321	0481	0641
5755 S(0.001)	0155	0315	0475	0635	0795

Changes from previous issue: The margins of this specification sheet are marked with vertical lines to indicate where changes from the previous issue were made. 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 and relationship to the last previous issue.

Referenced documents. In addition to MIL-PRF-39003, this document references the following:

MIL-STD-202-108
MIL-STD-1276

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

Preparing activity:
DLA - CC

(Project 5910-2021-016)

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

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 the ASSIST Online database at https://assist.dla.mil/.