Specification Details: **Date: 3/25/2020**

Specification: MIL-PRF-23419
Title: Fuse, Cartridge, Instrument Type
Federal Supply Class (FSC): 5920
Conventional: No
Specification contains quality assurance program: No
MIL-STD-790 Established Reliability & High Reliability: Yes
MIL-STD-690 Failure Rate Sampling Plans & Procedures: No
Weibull Graded: No
Specification contains space level reliability requirements: No
Specification allows test optimization: No

Contact Information:

Office of Primary Involvement: Hybrid Devices Branch, DLA Land and Maritime - VQH
Primary Qualifying Activity Contact: 614-692-0504, e-mail: vqh.bb@dla.mil
Secondary Qualifying Activity Contact: 614-692-9821, e-mail: vqh.jg@dla.mil

Notes:

PIN: The PIN consists of a Style, Characteristic, Voltage rating, Current rating, and Optional finish.

Style: The style is identified by the letters "FM" followed by a two-digit number denoting a fuse of a given construction and dimensions.

Characteristic: The characteristic is identified by a one-letter symbol which indicates the relative overload interrupt time.

Voltage rating: The voltage rating is the maximum dc or ac root mean square (rms) voltage for which a fuse is designed. The voltage rating is identified by a numerical value followed by the letter "V".

Current rating: The current rating is the amount of current a fuse will carry indefinitely without interruption. The current rating in amperes and fractions of an ampere is identified by a numerical value followed by the letter "A".

Optional finish: When specified, a suffix letter is added to the type designation covered by selected specification sheets to denote optional finish.

Part Configuration:

FM08A125V1/2A*

Style	Characteristic	Voltage Rating	Current Rating	Optional Finish
FM08	A	125V	1/2A	*

PART LISTINGS

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	SPECIFI-CATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
FM01A125V1/100A	FM01A125V1/16A	23419-4546-15	/1	Eaton's Bussmann (La Grange, NC)
FM01A125V1/10A	FM01A125V1/10A	23419-4546-15	/1	Eaton's Bussmann (La Grange, NC)
FM01A125V1/8A	FM01A125V1/8A	23419-4546-15	/1	Eaton's Bussmann (La Grange, NC)
FM01A125V2/10A	FM01A125V2/10A	23419-4546-15	/1	Eaton's Bussmann (La Grange, NC)
FM01A125V1/4A	FM01A125V1/4A	23419-4546-15	/1	Eaton's Bussmann (La Grange, NC)
FM01A125V3/10A	FM01A125V3/10A	23419-4546-15	/1	Eaton's Bussmann (La Grange, NC)
FM01A125V4/10A	FM01A125V4/10A	23419-4546-15	/1	Eaton's Bussmann (La Grange, NC)
FM01A125V1/2A	FM01A125V1/2A	23419-4546-15	/1	Eaton's Bussmann (La Grange, NC)
FM01A125V6/10A	FM01A125V6/10A	23419-4546-15	/1	Eaton's Bussmann (La Grange, NC)
FM01A125V3/4A	FM01A125V3/4A	23419-4546-15	/1	Eaton's Bussmann (La Grange, NC)
FM01A125V1A	FM01A125V1A	23419-4546-15	/1	Eaton's Bussmann (La Grange, NC)
FM01A125V1-1/2A	FM01A125V1-1/2A	23419-4546-15	/1	Eaton's Bussmann (La Grange, NC)
FM01A125V2.0A	FM01A125V2A	23419-4546-15	/1	Eaton's Bussmann (La Grange, NC)
FM01A125V3.0A	FM01A125V3A	23419-4546-15	/1	Eaton's Bussmann (La Grange, NC)
FM01A125V4.0A	FM01A125V4A	23419-4546-15	/1	Eaton's Bussmann (La Grange, NC)
FM01A125V5.0A	FM01A125V5A	23419-4546-15	/1	Eaton's Bussmann (La Grange, NC)
FM02A125V1/500A	274.002	23419-025-96; 23419-147-99	/2	Littelfuse Corp. MX
FM02A125V1/200A	274.005	23419-025-96; 23419-147-99	/2	Littelfuse Corp. MX
FM02A125V1/100A	274.010	23419-025-96; 23419-147-99	/2	Littelfuse Corp. MX
FM02A125V1/64A	274.015	23419-025-96; 23419-147-99	/2	Littelfuse Corp. MX
FM02A125V1/32A	274.031	23419-025-96; 23419-147-99	/2	Littelfuse Corp. MX

PART LISTINGS

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	SPECIFI-CATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
FM02A125V1/16A	274.062	23419-025-96; 23419-147-99	/2	Littelfuse Corp. MX
FM02A125V1/10A	274.100	23419-025-96; 23419-147-99	/2	Littelfuse Corp. MX
FM02A125V1/8A	274.125	23419-025-96; 23419-147-99	/2	Littelfuse Corp. MX
FM02A125V2/10A	274.200	23419-025-96; 23419-147-99	/2	Littelfuse Corp. MX
FM02A125V1/4A	274.250	23419-025-96; 23419-147-99	/2	Littelfuse Corp. MX
FM02A125V3/10A	274.300	23419-025-96; 23419-147-99	/2	Littelfuse Corp. MX
FM02A125V4/10A	274.400	23419-025-96; 23419-147-99	/2	Littelfuse Corp. MX
FM02A125V1/2A	274.500	23419-025-96; 23419-147-99	/2	Littelfuse Corp. MX
FM02A125V6/10A	274.600	23419-025-96; 23419-147-99	/2	Littelfuse Corp. MX
FM02A125V3/4A	274.750	23419-025-96; 23419-147-99	/2	Littelfuse Corp. MX
FM02A125V1A	274001	23419-025-96; 23419-147-99	/2	Littelfuse Corp. MX
FM02A125V1-1/2A	27401.5	23419-025-96; 23419-147-99	/2	Littelfuse Corp. MX
FM02A125V2A	274002	23419-025-96; 23419-147-99	/2	Littelfuse Corp. MX
FM02A125V3A	274003	23419-025-96; 23419-147-99	/2	Littelfuse Corp. MX
FM02A125V4A	274004	23419-025-96; 23419-147-99	/2	Littelfuse Corp. MX
FM02A125V5A	274005	23419-025-96; 23419-147-99	/2	Littelfuse Corp. MX
FM04A125V1/16A	277.062	23419-625-03	/4	Littelfuse, Inc. (Philippines)
FM04A125V3/8A	277.375	23419-625-03	/4	Littelfuse, Inc. (Philippines)
FM04A125V1/2A	277.500	23419-625-03	/4	Littelfuse, Inc. (Philippines)
FM04A125V3/4A	277.750	23419-625-03	/4	Littelfuse, Inc. (Philippines)
FM04A125V1A	277001	23419-625-03	/4	Littelfuse, Inc. (Philippines)
FM04A125V1-1/2A	27701.5	23419-625-03	/4	Littelfuse, Inc. (Philippines)
FM04A125V2A	277002	23419-625-03	/4	Littelfuse, Inc. (Philippines)
FM04A125V3A	277003	23419-625-03	/4	Littelfuse, Inc. (Philippines)
FM04A125V4A	277004	23419-625-03	/4	Littelfuse, Inc. (Philippines)
FM04A125V5A	277005	23419-625-03	/4	Littelfuse, Inc. (Philippines)
FM04A125V7A	277007	23419-625-03	/4	Littelfuse, Inc. (Philippines)
FM04A125V10A	277010	23419-625-03	/4	Littelfuse, Inc. (Philippines)
FM04A32V15A	277015	23419-625-03	/4	Littelfuse, Inc. (Philippines)
FM07A125V1/500A	269.002	23419-972-76	/7	Littelfuse, Inc. (Philippines)
FM07A125V1/200A	269.005	23419-972-76	/7	Littelfuse, Inc. (Philippines)
FM07A125V1/100A	269.001	23419-972-76	/7	Littelfuse, Inc. (Philippines)
FM07A125V1/64A	269.016	23419-972-76	/7	Littelfuse, Inc. (Philippines)
FM07A125V1/32A	269.031	23419-972-76	/7	Littelfuse, Inc. (Philippines)
FM07A125V1/16A	269.062	23419-972-76	/7	Littelfuse, Inc. (Philippines)
FM07A125V1/10A	269.100	23419-972-76	/7	Littelfuse, Inc. (Philippines)
FM07A125V1/8A	269.125	23419-972-76	/7	Littelfuse, Inc. (Philippines)
FM07A125V2/10A	269.200	23419-972-76	/7	Littelfuse, Inc. (Philippines)
FM07A125V1/4A	296.250	23419-972-76	/7	Littelfuse, Inc. (Philippines)
FM07A125V3/10A	269.300	23419-972-76	/7	Littelfuse, Inc. (Philippines)
FM07A125V4/10A	269.400	23419-972-76	/7	Littelfuse, Inc. (Philippines)
FM07A125V1/20A	269.050	23419-972-76	/7	Littelfuse, Inc. (Philippines)
FM07A125V1/2A	269.500	23419-972-76	/7	Littelfuse, Inc. (Philippines)
FM07A125V6/10A	269.600	23419-972-76	/7	Littelfuse, Inc. (Philippines)
FM07A125V7/10A	269.700	23419-972-76	/7	Littelfuse, Inc. (Philippines)
FM07A125V3/4A	269.750	23419-972-76	/7	Littelfuse, Inc. (Philippines)
FM07A125V8/10A	269.800	23419-972-76	/7	Littelfuse, Inc. (Philippines)
FM07A125V1A	269.001	23419-972-76	/7	Littelfuse, Inc. (Philippines)
FM07A125V1-1/2A	26901.5	23419-972-76	/7	Littelfuse, Inc. (Philippines)
FM07A125V2A	269002	23419-972-76	/7	Littelfuse, Inc. (Philippines)
FM07A125V3A	269003	23419-972-76	/7	Littelfuse, Inc. (Philippines)
FM07A125V4A	269004	23419-972-76	/7	Littelfuse, Inc. (Philippines)
FM07A125V5A	269005	23419-972-76	/7	Littelfuse, Inc. (Philippines)
FM08A125V1/8A	FM08A125V1/8A	23419-4546-15	/8	Eaton's Bussmann (La Grange, NC)
FM08A125V1/4A	FM08A125V1/4A	23419-4546-15	/8	Eaton's Bussmann (La Grange, NC)

PART LISTINGS				
GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	SPECIFI-CATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
FM08A125V1/4AT	FM08A125V1/4AT	23419-4546-15	/8	Eaton's Bussmann (La Grange, NC)
FM08A125V3/8A	FM08A125V3/8A	23419-4546-15	/8	Eaton's Bussmann (La Grange, NC)
FM08A125V3/8AT	FM08A125V3/8AT	23419-4546-15	/8	Eaton's Bussmann (La Grange, NC)
FM08A125V1/2A	FM08A125V1/2A	23419-4546-15	/8	Eaton's Bussmann (La Grange, NC)
FM08A125V1/2AT	FM08A125V1/2AT	23419-4546-15	/8	Eaton's Bussmann (La Grange, NC)
FM08A125V3/4A	FM08A125V3/4A	23419-4546-15	/8	Eaton's Bussmann (La Grange, NC)
FM08A125V3/4AT	FM08A125V3/4AT	23419-4546-15	/8	Eaton's Bussmann (La Grange, NC)
FM08A125V1A	FM08A125V1A	23419-4546-15	/8	Eaton's Bussmann (La Grange, NC)
FM08A125V1AT	FM08A125V1AT	23419-4546-15	/8	Eaton's Bussmann (La Grange, NC)
FM08A125V1 1/2A	FM08A125V1-1/2A	23419-4546-15	/8	Eaton's Bussmann (La Grange, NC)
FM08A125V1-1/2T	FM08A125V1-1/2T	23419-4546-15	/8	Eaton's Bussmann (La Grange, NC)
FM08A125V2A	FM08A125V2A	23419-4546-15	/8	Eaton's Bussmann (La Grange, NC)
FM08A125V2AT	FM08A125V2AT	23419-4546-15	/8	Eaton's Bussmann (La Grange, NC)
FM08A125V2 1/2A	FM08A125V2-1/2A	23419-4546-15	/8	Eaton's Bussmann (La Grange, NC)
FM08A125V2-1/2AT	FM08A125V2-1/2AT	23419-4546-15	/8	Eaton's Bussmann (La Grange, NC)
FM08A125V3A	FM08A125V3A	23419-4546-15	/8	Eaton's Bussmann (La Grange, NC)
FM08A125V3AT	FM08A125V3AT	23419-4546-15	/8	Eaton's Bussmann (La Grange, NC)
FM08A125V4A	FM08A125V4A	23419-4546-15	/8	Eaton's Bussmann (La Grange, NC)
FM08A125V4AT	FM08A125V4AT	23419-4546-15	/8	Eaton's Bussmann (La Grange, NC)
FM08A125V5A	FM08A125V5A	23419-4546-15	/8	Eaton's Bussmann (La Grange, NC)
FM08A32V15AT	FM08A32V15AT	23419-4546-15	/8	Eaton's Bussmann (La Grange, NC)
FM08A125V7A	FM08A125V7A	23419-4546-15	/8	Eaton's Bussmann (La Grange, NC)
FM08A125V7AT	FM08A125V7AT	23419-4546-15	/8	Eaton's Bussmann (La Grange, NC)
FM08A125V10A	FM08A125V10A	23419-4546-15	/8	Eaton's Bussmann (La Grange, NC)
FM08A125V10AT	FM08A125V10AT	23419-4546-15	/8	Eaton's Bussmann (La Grange, NC)
FM08A32V15AT	FM08A32V15AT	23419-4546-15	/8	Eaton's Bussmann (La Grange, NC)
FM08A32V15A	FM08A32V15A	23419-4546-15	/8	Eaton's Bussmann (La Grange, NC)
FM08A125V1/8A	267.125	23419-1181-79; 23419-763-79	/8	Littelfuse, Inc. (Philippines)
FM08A125V1/4A	267.250	23419-1181-79; 23419-763-79	/8	Littelfuse, Inc. (Philippines)
FM08A125V3/8A	267.375	23419-1181-79; 23419-763-79	/8	Littelfuse, Inc. (Philippines)
FM08A125V1/2A	267.500	23419-1181-79; 23419-763-79	/8	Littelfuse, Inc. (Philippines)
FM08A125V3/4A	267.750	23419-1181-79; 23419-763-79	/8	Littelfuse, Inc. (Philippines)
FM08A125V1A	267001	23419-1181-79; 23419-763-79	/8	Littelfuse, Inc. (Philippines)
FM08A125V1 1/2A	26701.5	23419-1181-79; 23419-763-79	/8	Littelfuse, Inc. (Philippines)
FM08A125V2A	267002	23419-1181-79; 23419-763-79	/8	Littelfuse, Inc. (Philippines)
FM08A125V2 1/2A	26702.5	23419-1181-79; 23419-763-79	/8	Littelfuse, Inc. (Philippines)
FM08A125V3A	267003	23419-1181-79; 23419-763-79	/8	Littelfuse, Inc. (Philippines)
FM08A125V4A	267004	23419-1181-79; 23419-763-79	/8	Littelfuse, Inc. (Philippines)
FM08A125V5A	267005	23419-1181-79; 23419-763-79	/8	Littelfuse, Inc. (Philippines)
FM08A125V7A	267007	23419-1181-79; 23419-763-79	/8	Littelfuse, Inc. (Philippines)
FM08A125V10A	267010	23419-1181-79; 23419-763-79	/8	Littelfuse, Inc. (Philippines)
FM08A32V15A	267015	23419-1181-79; 23419-763-79	/8	Littelfuse, Inc. (Philippines)
FM10A125V1/8A	253.125	23419-625-03	/10	Littelfuse, Inc. (Philippines)
FM10A125V1/4A	253.250	23419-625-03	/10	Littelfuse, Inc. (Philippines)
FM10A125V3/8A	253.375	23419-625-03	/10	Littelfuse, Inc. (Philippines)
FM10A125V1/2A	253.500	23419-625-03	/10	Littelfuse, Inc. (Philippines)
FM10A125V3/4A	253.750	23419-625-03	/10	Littelfuse, Inc. (Philippines)
FM10A125V1A	253001	23419-625-03	/10	Littelfuse, Inc. (Philippines)
FM10A125V1-1/2A	25301.5	23419-625-03	/10	Littelfuse, Inc. (Philippines)
FM10A125V2A	253002	23419-625-03	/10	Littelfuse, Inc. (Philippines)
FM10A125V3A	253003	23419-625-03	/10	Littelfuse, Inc. (Philippines)
FM10A125V4A	253004	23419-625-03	/10	Littelfuse, Inc. (Philippines)
FM10A125V5A	253005	23419-625-03	/10	Littelfuse, Inc. (Philippines)
FM10A125V7A	253007	23419-625-03	/10	Littelfuse, Inc. (Philippines)
FM10A125V10A	253010	23419-625-03	/10	Littelfuse, Inc. (Philippines)
FM10A32V15A	253015	23419-625-03	/10	Littelfuse, Inc. (Philippines)

PART LISTINGS				
GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	SPECIFI-CATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
FM12A125V1/8A	P600L-125-1/8	23419-266-93; 23419-267-93	/12	AEM Incorporated
FM12A125V1/4A	P600L-125-1/4	23419-266-93; 23419-267-93	/12	AEM Incorporated
FM12A125V3/8A	P600L-125-3/8	23419-266-93; 23419-267-93	/12	AEM Incorporated
FM12A125V1/2A	P600L-125-1/2	23419-266-93; 23419-267-93	/12	AEM Incorporated
FM12A125V3/4A	P600L-125-3/4	23419-266-93; 23419-267-93	/12	AEM Incorporated
FM12A125V1.0A	P600L-125-1.0	23419-266-93; 23419-267-93	/12	AEM Incorporated
FM12A125V1.5A	P600L-125-1.5	23419-266-93; 23419-267-93	/12	AEM Incorporated
FM12A125V2.0A	P600L-125-2.0	23419-266-93; 23419-267-93	/12	AEM Incorporated
FM12A125V3.0A	P600L-125-3.0	23419-266-93; 23419-267-93	/12	AEM Incorporated
FM12A125V4.0A	P600L-125-4.0	23419-266-93; 23419-267-93	/12	AEM Incorporated
FM12A125V5.0A	P600L-125-5.0	23419-266-93; 23419-267-93	/12	AEM Incorporated
FM12A72V1/8A	P600L-72-1/8	23419-266-93; 23419-267-93	/12	AEM Incorporated
FM12A72V1/4A	P600L-72-1/4	23419-266-93; 23419-267-93	/12	AEM Incorporated
FM12A72V1/2A	P600L-72-1/2	23419-266-93; 23419-267-93	/12	AEM Incorporated
FM12A72V3/8A	P600L-72-3/8	23419-266-93; 23419-267-93	/12	AEM Incorporated
FM12A72V3/4A	P600L-72-3/4	23419-266-93; 23419-267-93	/12	AEM Incorporated
FM12A72V1.0A	P600L-72-1.0	23419-266-93; 23419-267-93	/12	AEM Incorporated
FM12A72V1.5A	P600L-72-1.5	23419-266-93; 23419-267-93	/12	AEM Incorporated
FM12A72V2.0A	P600L-72-2.0	23419-266-93; 23419-267-93	/12	AEM Incorporated
FM12A72V3.0A	P600L-72-3.0	23419-266-93; 23419-267-93	/12	AEM Incorporated
FM12A72V4.0A	P600L-72-4.0	23419-266-93; 23419-267-93	/12	AEM Incorporated
FM12A72V5.0A	P600L-72-5.0	23419-266-93; 23419-267-93	/12	AEM Incorporated
FM12A72V6.0A	P600L-72-6.0	23419-266-93; 23419-267-93	/12	AEM Incorporated
FM12A72V7.5A	P600L-72-7.5	23419-266-93; 23419-267-93	/12	AEM Incorporated
FM12A72V10.0A	P600L-72-10.0	23419-266-93; 23419-267-93	/12	AEM Incorporated
FM12A72V15A	P600L-72-15.0	23419-266-93; 23419-267-93	/12	AEM Incorporated
FM12A50V20A	P600L-50-20.0	23419-266-93; 23419-267-93	/12	AEM Incorporated
FM13A125V1/8A	P700L-125-1/8	23419-5068-18	/13	AEM Incorporated
FM13A125V1/4A	P700L-125-1/4	23419-5068-18	/13	AEM Incorporated
FM13A125V3/8A	P700L-125-3/8	23419-5068-18	/13	AEM Incorporated
FM13A125V1/2A	P700L-125-1/2	23419-5068-18	/13	AEM Incorporated
FM13A125V3/4A	P700L-125-3/4	23419-5068-18	/13	AEM Incorporated
FM13A125V1.0A	P700L-125-1.0	23419-5068-18	/13	AEM Incorporated
FM13A125V1.5A	P700L-125-1.5	23419-5068-18	/13	AEM Incorporated
FM13A125V2.0A	P700L-125-2.0	23419-5068-18	/13	AEM Incorporated
FM13A125V3.0A	P700L-125-3.0	23419-5068-18	/13	AEM Incorporated
FM13A125V4.0A	P700L-125-4.0	23419-5068-18	/13	AEM Incorporated
FM13A125V5.0A	P700L-125-5.0	23419-5068-18	/13	AEM Incorporated
FM13A72V1/8A	P700L-72-1/8	23419-5068-18	/13	AEM Incorporated
FM13A72V1/4A	P700L-72-1/4	23419-5068-18	/13	AEM Incorporated
FM13A72V3/8A	P700L-72-3/8	23419-5068-18	/13	AEM Incorporated
FM13A72V1/2A	P700L-72-1/2	23419-5068-18	/13	AEM Incorporated
FM13A72V3/4A	P700L-72-3/4	23419-5068-18	/13	AEM Incorporated
FM13A72V1.0A	P700L-72-1.0	23419-5068-18	/13	AEM Incorporated
FM13A72V1.5A	P700L-72-1.5	23419-5068-18	/13	AEM Incorporated
FM13A72V2.0A	P700L-72V-2.0	23419-5068-18	/13	AEM Incorporated
FM13A72V3.0A	P700L-72-3.0	23419-5068-18	/13	AEM Incorporated
FM13A72V4.0A	P700L-72-4.0	23419-5068-18	/13	AEM Incorporated
FM13A72V5.0A	P700L-72-5.0	23419-5068-18	/13	AEM Incorporated
FM13A72V6.0A	P700L-72-6.0	23419-5068-18	/13	AEM Incorporated
FM13A72V7.5A	P700L-72-7.5	23419-5068-18	/13	AEM Incorporated
FM13A72V10A	P700L-72-10.0	23419-5068-18	/13	AEM Incorporated
FM13A72V15A	P700L-72-15.0	23419-5068-18	/13	AEM Incorporated
FM13A50V20A	P700L-50-20.0	23419-5068-18	/13	AEM Incorporated

Manufacturer and Supplier Location Information

Manufacturer: AEM, Inc. (CAGE Code: 1GLF1)
Location: 6610 Cobra Way, San Diego, CA 92121, US

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: Eaton Bussmann, LLC. (CAGE Code: 71400)
Location: Ellsville, MO 63021-5915, US, P.O. Box 14460, 114 Old State Road, St. Louis, MO 63021-5915, US

Plants:

1. Eaton Bussmann (La Grange, NC), CAGE: 1JY78, 4758 Washington Street, La Grange, NC 28551, US

Manufacturer: Littelfuse, Inc. (CAGE Code: 75915)
Location: 8755 West Higgins Road Suite 500, Chicago, IL 60631, US

Plants:

1. Littelfuse Corp. MX, Venustiano Carranza 2501, Colonia Lomas de la villa, Piedras Negras, Coahuila 26090, MX
2. Littelfuse, Inc. (Philippines), Littelfuse Phils., Inc., Lima Technology Center, Special Economic Zone, Lipa City Malvar, Batangas 4233, Philippines