

Specification Details:

Date: 4/29/2008

Specification: MIL-DTL-25038

Title: Wire, Electrical, High Temperature, Fire Resistant, and Flight Critical

Federal Supply Class (FSC): 6145

Conventional: Yes

Specification contains quality assurance program: No

MIL-STD-790 Established Reliability & High Reliability: No

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:

DSCC Office of Primary Involvement: Passive Devices Team, DSCC-VQP

Primary DSCC-VQ Contact: 614-692-7108, e-mail: vqp.kl@dla.mil

Secondary DSCC-VQ Contact: 614-692-2867, e-mail: vqp.ab@dla.mil

Notes:

* The asterisk in the part number will be replaced by color code designation.

Part Configuration:**M25038/1229A**

Specification Sheet	Wire Size	Color	Flight Critical
M25038/1	22	9	A

Part Listings:

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
M25038/1-22-*	TMF/SP341-22	01709501.AA/10-30-96	Nexans France
M25038/1-20-*	TMF/SP341-20	01709501.AA/10-30-96	Nexans France
M25038/1-18-*	TMF/SP341-18	01709501.AA/10-30-96	Nexans France
M25038/1-16-*	TMF/SP341-16	01709501.AA/10-30-96	Nexans France
M25038/1-14-*	TMF/SP341-14	01709501.AA/10-30-96	Nexans France
M25038/1-12-*	TMF/SP341-12	01709501.AA/10-30-96	Nexans France
M25038/1-10-*	TMF/SP341-10	01709501.AA/10-30-96	Nexans France
M25038/1-8-*	TMF/SP341-8	01709501.AA/10-30-96	Nexans France
M25038/1-6-*	TMF/SP341-6	01709501.AA/10-30-96	Nexans France
M25038/1-4-*	TMF/SP341-4	01709501.AA/10-30-96	Nexans France
M25038/1-2-*	TMF/SP341-2	01709501.AA/10-30-96	Nexans France
M25038/1-1-*	TMF/SP341-1	01709501.AA/10-30-96	Nexans France
M25038/1-0000-*	TMF/SP341-0000	01709501.AA/10-30-96	Nexans France
M25038/1-000-*	TMF/SP341-000	01709501.AA/10-30-96	Nexans France
M25038/1-00-*	TMF/SP341-00	01709501.AA/10-30-96	Nexans France
M25038/1-0-*	TMF/SP341-0	01709501.AA/10-30-96	Nexans France
M25038/1-22-*	814-4987665	NAC U17.01/10-30-96	Specialty Cable Corp.
M25038/1-22-*	814-4862215	NAC U17.01/10-30-96	Specialty Cable Corp.
M25038/1-20-*	814-4981957	NAC U17.01/10-30-96	Specialty Cable Corp.
M25038/1-20-*	814-4862223	NAC U17.01/10-30-96	Specialty Cable Corp.
M25038/1-18-*	814-4987573	NAC U17.01/10-30-96	Specialty Cable Corp.
M25038/1-18-*	814-4116968	NAC U17.01/10-30-96	Specialty Cable Corp.
M25038/1-16-*	814-4852224	NAC U17.01/10-30-96	Specialty Cable Corp.
M25038/1-16-*	814-4248779	NAC U17.01/10-30-96	Specialty Cable Corp.
M25038/1-14-*	814-4862231	NAC U17.01/10-30-96	Specialty Cable Corp.
M25038/1-14-*	814-4987558	NAC U17.01/10-30-96	Specialty Cable Corp.
M25038/1-12-*	814-4862249	NAC U17.01/10-30-96	Specialty Cable Corp.
M25038/1-12-*	814-4852232	NAC U17.01/10-30-96	Specialty Cable Corp.
M25038/1-10-*	814-4987541	NAC U17.01/10-30-96	Specialty Cable Corp.
M25038/1-8-*	814-4852240	NAC U17.01/10-30-96	Specialty Cable Corp.

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M25038/1-6-*	814-4852257	NAC U17.01/10-30-96	Specialty Cable Corp.
M25038/1-4-*	814-4852265	NAC U17.01/10-30-96	Specialty Cable Corp.
M25038/1-2-*	814-4987566	NAC U17.01/10-30-96	Specialty Cable Corp.
M25038/1-1-*	814-4852273	NAC U17.01/10-30-96	Specialty Cable Corp.
M25038/1-0000-*	814-4852323	NAC U17.01/10-30-96	Specialty Cable Corp.
M25038/1-000-*	814-4852315	NAC U17.01/10-30-96	Specialty Cable Corp.
M25038/1-00-*	814-4852299	NAC U17.01/10-30-96	Specialty Cable Corp.
M25038/1-0-*	814-4852281	NAC U17.01/10-30-96	Specialty Cable Corp.
M25038/1-22-*	22-FW1K-1934	NAC N17.12/10-30-96, 25038-553-03	Thermax Belden/CDT
M25038/1-20-*	20-FW1K-1932	NAC N17.12/10-30-96, 25038-553-03	Thermax Belden/CDT
M25038/1-18-*	18-FW1K-1930	NAC N17.12/10-30-96, 25038-553-03	Thermax Belden/CDT
M25038/1-16-*	16-FW1K-1929	NAC N17.12/10-30-96, 25038-553-03	Thermax Belden/CDT
M25038/1-14-*	14-FW1K-1927	NAC N17.12/10-30-96, 25038-553-03	Thermax Belden/CDT
M25038/1-12-*	12-FW1K-1925	NAC N17.12/10-30-96, 25038-553-03	Thermax Belden/CDT
M25038/3-22H-*	31-E5-52-982	01702901.AB/10-30-98	BICC Brand-Rex Ltd.
M25038/3-20-*	31-E5-52-950	01702901.AB/10-30-98	BICC Brand-Rex Ltd.
M25038/3-18-*	31-E5-52-951	01702901.AB/10-30-98	BICC Brand-Rex Ltd.
M25038/3-16-*	31-E5-52-952	01702901.AB/10-30-98	BICC Brand-Rex Ltd.
M25038/3-22H-*	FRM-A-US-22H	01709501.AC/12-28-98	Nexans France
M25038/3-22H-*	TMF/3-R-22H	01709501.AA/10-30-96	Nexans France
M25038/3-22-*	TMF-3BR-22	01709501.AA/10-30-96	Nexans France
M25038/3-22-*	FRM-A-US-22	01709501.AC/12-28-98	Nexans France
M25038/3-20-*	FRM-A-US-20	01709501.AC/12-28-98	Nexans France
M25038/3-20-*	TMF-3BR-20	01709501.AA/10-30-96	Nexans France
M25038/3-18-*	FRM-A-US-18	01709501.AC/12-28-98	Nexans France
M25038/3-18-*	TMF-3BR-18	01709501.AA/10-30-96	Nexans France
M25038/3-16-*	TMF-3BR-16	01709501.AA/10-30-96	Nexans France
M25038/3-16-*	FRM-A-US-16	01709501.AC/12-28-98	Nexans France
M25038/3-14-*	TMF-3BR-14	01709501.AA/10-30-96	Nexans France
M25038/3-14-*	FRM-A-US-14	01709501.AC/12-28-98	Nexans France
M25038/3-12-*	FRM-A-US-12	01709501.AC/12-28-98	Nexans France
M25038/3-12-*	TMF-3BR-12	01709501.AA/10-30-96	Nexans France
M25038/3-22H-*	814-4877049	NAC U17.01/10-31-96	Specialty Cable Corp.
M25038/3-22H-*	814-4858825	NAC U17.01/10-31-96	Specialty Cable Corp.
M25038/3-22-*	814-4999678	NAC U17.01/10-31-96	Specialty Cable Corp.
M25038/3-20-*	814-4877080	NAC U17.01/10-31-96	Specialty Cable Corp.
M25038/3-20-*	814-4985933	NAC U17.01/10-31-96	Specialty Cable Corp.
M25038/3-18-*	814-4874749	NAC U17.01/10-31-96	Specialty Cable Corp.
M25038/3-18-*	814-4985925	NAC U17.01/10-31-96	Specialty Cable Corp.
M25038/3-16-*	814-4874764	NAC U17.01/10-31-96	Specialty Cable Corp.
M25038/3-16-*	814-4987590	NAC U17.01/10-31-96	Specialty Cable Corp.
M25038/3-14-*	814-4877056	NAC U17.01/10-31-96	Specialty Cable Corp.
M25038/3-14-*	814-4851952	NAC U17.01/10-31-96	Specialty Cable Corp.
M25038/3-12-*	814-4877064	NAC U17.01/10-31-96	Specialty Cable Corp.
M25038/3-12-*	814-4851960	NAC U17.01/10-31-96	Specialty Cable Corp.
M25038/3-22H-*	22H-FWKK-1934	NAC N17.12/10-30-96, 25038-553-03	Thermax Belden/CDT
M25038/3-22H-*	22H-FWGK-1934	NAC N17.12/10-30-96, 25038-553-03	Thermax Belden/CDT
M25038/3-22-*	22-FWKK-1934	NAC N17.12/10-30-96, 25038-553-03	Thermax Belden/CDT
M25038/3-22-*	22-FWGK-1934	NAC N17.12/10-30-96, 25038-553-03	Thermax Belden/CDT
M25038/3-20-*	20-FWKK-1932	NAC N17.12/10-30-96, 25038-553-03	Thermax Belden/CDT
M25038/3-20-*	20-FWGK-1932	NAC N17.12/10-30-96, 25038-553-03	Thermax Belden/CDT
M25038/3-18-*	18-FWKK-1930	NAC N17.12/10-30-96, 25038-553-03	Thermax Belden/CDT
M25038/3-18-*	18-FWGK-1930	NAC N17.12/10-30-96, 25038-553-03	Thermax Belden/CDT
M25038/3-16-*	16-FWKK-1939	NAC N17.12/10-30-96, 25038-553-03	Thermax Belden/CDT
M25038/3-16-*	16-FWGK-1939	NAC N17.12/10-30-96, 25038-553-03	Thermax Belden/CDT
M25038/3-14-*	14-FWGK-1927	NAC N17.12/10-30-96, 25038-553-03	Thermax Belden/CDT

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M25038/3-12-*	12-FWKK-1925	NAC N17.12/10-30-96, 25038-553-03	Thermax Belden/CDT
M25038/3-12-*	12-FWKK-1925	NAC N17.12/10-30-96, 25038-553-03	Thermax Belden/CDT

Manufacturer and Supplier Location Information

Manufacturer: BICC Brand-Rex Ltd. (CAGE Code: K1390)

Location: Lehigh Works, Lehigh, Lancashire WN7 4HB, England

Plant Location: Same Address as Manufacturer

Manufacturer: Nexans France (CAGE Code: F0241)

Location: 140 rue Eugene Delacroix, BP n 1, 91210, Draveil, France

Plant Location: Same Address as Manufacturer

Manufacturer: Specialty Cable Corp. (CAGE Code: 60685)

Location: P. O. Box 50, 2 Tower Drive, Wallingford, CT 06492-1842, US

Plant Location: Same Address as Manufacturer

Manufacturer: Thermax Belden/CDT (CAGE Code: 12814)

Location: 225-A North Freeport Drive, Nogales, AZ 85621, US

Plant Location: Calle Bustamonte 645, Nogales, Sonora 84065, Mexico