

**DLA Land and Maritime - VQ  
Supplemental Information Sheet for Electronic QPL-81381**

**Date: 9/24/2025**

**Specification Details:**

Specification: MIL-DTL-81381  
 Title: Wire, Electrical, Polyimide-Insulated Copper or Copper Alloy  
 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:**

Office of Primary Involvement: Passive Devices Branch, DLA Land and Maritime - VQP  
 Primary Qualifying Activity Contact: 614-692-1432, e-mail: vqp.pl@dla.mil  
 Secondary Qualifying Activity Contact: 614-692-8367, e-mail: vqp.es@dla.mil

**Notes:**

N/A

**Part Configuration:**

M81381/1-22-9

Specification Sheet Number	Wire Size	Insulation Color Designator
M81381/1	-22	-9

**PART LISTINGS**

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
M81381/7-10 thru -26	K6	01902301.AA/9-30-97	/7	Amphenol CIT
M81381/7-10 thru -26	81381/7	01923801.AA/9-30-97	/7	Carlisle Interconnect Technologies (St. Augustine, FL)
M81381/8-10 thru -26	K6N	01902301.AA/9-3097	/8	Amphenol CIT
M81381/8-10 thru -26	81381/8	01902301.AA/9-30-97	/8	Carlisle Interconnect Technologies (St. Augustine, FL)
M81381/9-20 thru -30	K6TF	01902301.AA/9-30-97	/9	Amphenol CIT
M81381/9-20 thru -26	81381/9	01923801.AA/9-30-97	/9	Carlisle Interconnect Technologies (St. Augustine, FL)
M81381/10-20 thru -30	K6TFN	019023801.AA/9-30-97	/10	Amphenol CIT
M81381/10-20 thru -26	81381/10	01923801.AA/9-30-97	/10	Carlisle Interconnect Technologies (St. Augustine, FL)
M81381/11-2 thru -26	K8	01902301.AA/9-30-97	/11	Amphenol CIT
M81381/11-2 thru -24	81381/11	01923801.AA/9-30-97	/11	Carlisle Interconnect Technologies (St. Augustine, FL)
M81381/12-2 thru -24	K8N	01902301.AA/9-30-97	/12	Amphenol CIT

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M81381/12-2 thru -24	81381/12	01923801.AA/9-30-97	/12	Carlisle Interconnect Technologies (St. Augustine, FL)
M81381/13-20 thru -28	K8TF	01902301.AA/9-30-97	/13	Amphenol CIT
M81381/13-20 thru -26	81381/13	01923801.AA/9-30-97	/13	Carlisle Interconnect Technologies (St. Augustine, FL)
M81381/14-20 thru -28	K8TFN	01902301.AA/9-30-97	/14	Amphenol CIT
M81381/14-20 thru -26	81381/14	01923801.AA/9-30-97	/14	Carlisle Interconnect Technologies (St. Augustine, FL)
M81381/17-12 thru -26	K4	01902302.AA/9-30-97	/17	Amphenol CIT
M81381/17-12 thru -26	81381/17	01623802.AA/9-30-97	/17	Carlisle Interconnect Technologies (St. Augustine, FL)
M81381/18-12 thru -26	K4N	01902302.AA/9-30-97	/18	Amphenol CIT
M81381/18-12 thru -26	81381/18	01623802.AA/9-30-97	/18	Carlisle Interconnect Technologies (St. Augustine, FL)
M81381/19-20 thru -30	K4TF	01902302.AA/9-30-97	/19	Amphenol CIT
M81381/19-20 thru -24	81381/19	01623802.AA/9-30-97	/19	Carlisle Interconnect Technologies (St. Augustine, FL)
M81381/20-20 thru -30	K4TFN	01902302.AA/9-30-97	/20	Amphenol CIT
M81381/20-20 thru -30	81381/20	01623802.A/9-30-97	/20	Carlisle Interconnect Technologies (St. Augustine, FL)
M81381/21-10 thru -26	K6Z	01902301.AA/9-30-97	/21	Amphenol CIT
M81381/21-10 thru -26	81381/21	01923801.AA/9-30-97	/21	Carlisle Interconnect Technologies (St. Augustine, FL)
M81381/22-01	K8Z	01902301.AA/9-30-97	/22	Amphenol CIT
M81381/22-02	K8Z	01902301.AA/9-30-97	/22	Amphenol CIT
M81381/22-10	K8Z	01902301.AA/9-30-97	/22	Amphenol CIT
M81381/22-12	K8Z	01902301.AA/9-30-97	/22	Amphenol CIT
M81381/22-14	K8Z	01902301.AA/9-30-97	/22	Amphenol CIT
M81381/22-16	K8Z	01902301.AA/9-30-97	/22	Amphenol CIT
M81381/22-18	K8Z	01902301.AA/9-30-97	/22	Amphenol CIT
M81381/22-2	K8Z	01902301.AA/9-30-97	/22	Amphenol CIT
M81381/22-20	K8Z	01902301.AA/9-30-97	/22	Amphenol CIT
M81381/22-22	K8Z	01902301.AA/9-30-97	/22	Amphenol CIT
M81381/22-24	K8Z	01902301.AA/9-30-97	/22	Amphenol CIT
M81381/22-4	K8Z	01902301.AA/9-30-97	/22	Amphenol CIT

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M81381/22-6	K8Z	01902301.AA/9-30-97	/22	Amphenol CIT
M81381/22-8	K8Z	01902301.AA/9-30-97	/22	Amphenol CIT
M81381/22-10	81381/22-10	01923801.AA/9-30-97	/22	Carlisle Interconnect Technologies (St. Augustine, FL)
M81381/22-12	81381/22-12	01923801.AA/9-30-97	/22	Carlisle Interconnect Technologies (St. Augustine, FL)
M81381/22-14	81381/22-14	01923801.AA/9-30-97	/22	Carlisle Interconnect Technologies (St. Augustine, FL)
M81381/22-16	81381/22-16	01923801.AA/9-30-97	/22	Carlisle Interconnect Technologies (St. Augustine, FL)
M81381/22-18	81381/22-18	01923801.AA/9-30-97	/22	Carlisle Interconnect Technologies (St. Augustine, FL)
M81381/22-2	81381/22-2	01923801.AA/9-30-97	/22	Carlisle Interconnect Technologies (St. Augustine, FL)
M81381/22-20	81381/22-20	01923801.AA/9-30-97	/22	Carlisle Interconnect Technologies (St. Augustine, FL)
M81381/22-22	81381/22-22	01923801.AA/9-30-97	/22	Carlisle Interconnect Technologies (St. Augustine, FL)
M81381/22-24	81381/22-24	01923801.AA/9-30-97	/22	Carlisle Interconnect Technologies (St. Augustine, FL)
M81381/22-4	81381/22-4	01923801.AA/9-30-97	/22	Carlisle Interconnect Technologies (St. Augustine, FL)
M81381/22-6	81381/22-6	01923801.AA/9-30-97	/22	Carlisle Interconnect Technologies (St. Augustine, FL)
M81381/22-8	81381/22-8	01923801.AA/9-30-97	/22	Carlisle Interconnect Technologies (St. Augustine, FL)

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**Manufacturer and Supplier Location Information**

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**Manufacturer: Amphenol Cable & Interconnect Technologies De Mexico S DE RL DE CV (CAGE Code: SBTM0)**

Location: Blvd Luis Donaldo Colosio No. 1195, Nogales, Sonora, 84048, Mexico

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: Amphenol Cable and Interconnect Technologies, Inc. (CAGE Code: 92607)**

Location: 100 Tensolite Drive, St. Augustine, FL 32092-0590, US

Plants:

1. Plant: Same Address as Manufacturer