

DLA Land and Maritime - VQ
Supplemental Information Sheet for Electronic QPL-27599

Date: 9/5/2024

Specification Details:

Specification: MIL-DTL-27599
Title: Connectors, Electrical, Circular, Miniature, High Density, Quick Disconnect, Environment Resisting, Solder Contacts
Federal Supply Class (FSC): 5935
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: Passive Devices Branch, DLA Land and Maritime - VQP
Primary Qualifying Activity Contact: 614-692-8367, e-mail: vqp.es@dla.mil
Secondary Qualifying Activity Contact: 614-692-1438, e-mail: vqp.ba@dla.mil

Notes:

All connectors listed are qualified to reliability indicator number one and polarization A, B, C, D, and normal.

Part Configuration:

MS20026T15A18P1

MS Number	Class	Shell	Finish	Insert	Style	Polarization and Reliability Indicator
MS20026	T	15	A	18	P	1

PART LISTINGS

Supplier: Amphenol Aerospace - Amphenol Connectors

Government Designation: MS20026
Manufacturer's Designation: LJT00T-
Description: Connector
Class: T
Finish: A, B
Style: P, S
Shell: 9 Insert Arrangement Number: 3, 6
Shell: 11 Insert Arrangement Number: 4, 5, 13, 98
Shell: 13 Insert Arrangement Number: 4, 8, 22, 98
Shell: 15 Insert Arrangement Number: 5, 15, 18, 37, 97
Shell: 17 Insert Arrangement Number: 8, 26, 55, 99
Shell: 19 Insert Arrangement Number: 11, 28, 30, 32, 67
Shell: 21 Insert Arrangement Number: 16, 24, 25, 27, 39, 41
Shell: 23 Insert Arrangement Number: 2, 21, 53
Shell: 25 Insert Arrangement Number: 29, 61
Test or Qualification Reference: 27599-613-66; 27599-614-66; 27599-615-66; 27599-616-66; 27599-617-66; 27599-618-66; 27599-619-66; 27599-620-66; 27599-621-66

Supplier: Amphenol Aerospace - Amphenol Connectors

Government Designation: MS20027
Manufacturer's Designation: LTJ01T-
Description: Connector
Class: T
Finish: A, B
Style: P, S
Shell: 9 Insert Arrangement Number: 3, 6
Shell: 11 Insert Arrangement Number: 4, 5, 13, 98
Shell: 13 Insert Arrangement Number: 4, 8, 22, 98
Shell: 15 Insert Arrangement Number: 5, 15, 18, 37, 97
Shell: 17 Insert Arrangement Number: 8, 26, 55, 99
Shell: 19 Insert Arrangement Number: 11, 28, 30, 32, 67
Shell: 21 Insert Arrangement Number: 16, 24, 25, 27, 39, 41
Shell: 23 Insert Arrangement Number: 2, 21, 53
Shell: 25 Insert Arrangement Number: 29, 61
Test or Qualification Reference: 27599-613-66; 27599-614-66; 27599-615-66; 27599-616-66; 27599-617-66; 27599-618-66; 27599-619-66; 27599-620-66; 27599-621-66

PART LISTINGS

Supplier: Amphenol Aerospace - Amphenol Connectors

Government Designation: MS20028
 Manufacturer's Designation: LJTO67T-
 Description: Connector
 Class: T
 Finish: A, B, F
 Style: P, S

Shell: 9 Insert Arrangement Number: 3, 6
 Shell: 11 Insert Arrangement Number: 4, 5, 13, 98
 Shell: 13 Insert Arrangement Number: 4, 8, 22, 98
 Shell: 15 Insert Arrangement Number: 5, 15, 18, 37, 97
 Shell: 17 Insert Arrangement Number: 8, 26, 55, 99
 Shell: 19 Insert Arrangement Number: 11, 28, 30, 32, 67
 Shell: 21 Insert Arrangement Number: 16, 24, 25, 27, 39, 41
 Shell: 23 Insert Arrangement Number: 2, 21, 53
 Shell: 25 Insert Arrangement Number: 29, 61

Test or Qualification Reference: 27599-613-66; 27599-614-66; 27599-615-66; 27599-616-66; 27599-617-66; 27599-618-66; 27599-619-66; 27599-620-66; 27599-621-66

Supplier: Amphenol Aerospace - Amphenol Connectors

Government Designation: MS27334
 Manufacturer's Designation: JT00C-
 Description: Connector
 Class: P, T
 Finish: A, B
 Style: P, S

Shell: 8 Insert Arrangement Number: 3, 6
 Shell: 10 Insert Arrangement Number: 5, 13, 98
 Shell: 12 Insert Arrangement Number: 3, 4, 8, 98
 Shell: 14 Insert Arrangement Number: 5, 15, 18, 37
 Shell: 16 Insert Arrangement Number: 8, 26, 55, 99
 Shell: 18 Insert Arrangement Number: 11, 28, 30, 32, 53, 66
 Shell: 20 Insert Arrangement Number: 16, 39, 41
 Shell: 22 Insert Arrangement Number: 2, 21, 32, 55
 Shell: 24 Insert Arrangement Number: 61

Test or Qualification Reference: 27599-622-66; 27599-623-66; 27599-624-66; 27599-625-66; 27599-626-66; 27599-627-66; 27599-628-66; 27599-629-66; 27599-630-66

Supplier: Amphenol Aerospace - Amphenol Connectors

Government Designation: MS27336
 Manufacturer's Designation: JT06C-
 Description: Connector
 Class: P, T
 Finish: A, B
 Style: P, S

Shell: 8 Insert Arrangement Number: 3, 6
 Shell: 10 Insert Arrangement Number: 5, 13, 98
 Shell: 12 Insert Arrangement Number: 3, 4, 8, 98
 Shell: 14 Insert Arrangement Number: 5, 15, 18, 37
 Shell: 16 Insert Arrangement Number: 8, 26, 55, 99
 Shell: 18 Insert Arrangement Number: 11, 28, 30, 32, 53, 66
 Shell: 20 Insert Arrangement Number: 16, 39, 41
 Shell: 22 Insert Arrangement Number: 2, 21, 32, 55
 Shell: 24 Insert Arrangement Number: 61

Test or Qualification Reference: 27599-622-66; 27599-623-66; 27599-624-66; 27599-625-66; 27599-626-66; 27599-627-66; 27599-628-66; 27599-629-66; 27599-630-66

Supplier: Amphenol Aerospace - Amphenol Connectors

Government Designation: MS20029
 Manufacturer's Designation: LJTO7P-
 Description: Connector
 Class: P
 Finish: A, B
 Style: P, S

Shell: 9 Insert Arrangement Number: 3, 6
 Shell: 11 Insert Arrangement Number: 4, 5, 13, 98
 Shell: 13 Insert Arrangement Number: 4, 8, 22, 98
 Shell: 15 Insert Arrangement Number: 5, 15, 18, 37, 97
 Shell: 17 Insert Arrangement Number: 8, 26, 55, 99
 Shell: 19 Insert Arrangement Number: 11, 28, 30, 32, 67
 Shell: 21 Insert Arrangement Number: 16, 24, 25, 27, 39, 41
 Shell: 23 Insert Arrangement Number: 2, 21, 53
 Shell: 25 Insert Arrangement Number: 29, 61

Test or Qualification Reference: 27599-613-66; 27599-614-66; 27599-615-66; 27599-616-66; 27599-617-66; 27599-618-66; 27599-619-66; 27599-920-66; 27599-921-66

Supplier: Amphenol Aerospace - Amphenol Connectors

Government Designation: MS27335
 Manufacturer's Designation: JT02C-
 Description: Connector
 Class: T
 Finish: A, B
 Style: P, S

Shell: 8 Insert Arrangement Number: 3, 6
 Shell: 10 Insert Arrangement Number: 5, 13, 98
 Shell: 12 Insert Arrangement Number: 3, 4, 8, 98
 Shell: 14 Insert Arrangement Number: 5, 15, 18, 37
 Shell: 16 Insert Arrangement Number: 8, 26, 55, 99
 Shell: 18 Insert Arrangement Number: 11, 28, 30, 32, 53, 66
 Shell: 20 Insert Arrangement Number: 16, 39, 41
 Shell: 22 Insert Arrangement Number: 2, 21, 32, 55
 Shell: 24 Insert Arrangement Number: 61

Test or Qualification Reference: 27599-622-66; 27599-623-66; 27599-624-66; 27599-625-66; 27599-626-66; 27599-627-66; 27599-628-66; 27599-629-66; 27599-630-66

Supplier: Amphenol Aerospace - Amphenol Connectors

Government Designation: MS27337
 Manufacturer's Designation: JT07C-
 Description: Connector
 Class: P, T
 Finish: A, B
 Style: P, S

Shell: 8 Insert Arrangement Number: 3, 6
 Shell: 10 Insert Arrangement Number: 5, 13, 98
 Shell: 12 Insert Arrangement Number: 3, 4, 8, 98
 Shell: 14 Insert Arrangement Number: 5, 15, 18, 37
 Shell: 16 Insert Arrangement Number: 8, 26, 55, 99
 Shell: 18 Insert Arrangement Number: 11, 28, 30, 32, 53, 66
 Shell: 20 Insert Arrangement Number: 16, 39, 41
 Shell: 22 Insert Arrangement Number: 2, 21, 32, 55
 Shell: 24 Insert Arrangement Number: 61

Test or Qualification Reference: 27599-622-66; 27599-623-66; 27599-624-66; 27599-625-66; 27599-626-66; 27599-627-66; 27599-628-66; 27599-629-66; 27599-630-66

Manufacturer and Supplier Location Information

Manufacturer: Amphenol Aerospace/Amphenol Connectors (CAGE Code: 77820)

Location: 40-60 Delaware Street, Sidney, NY 13838-1395, US

Plants:

- 1. Plant: Same Address as Manufacturer