

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

Date: 1/21/2020

**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: 614-692-9583, e-mail: vqp.kh@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<br>and<br>Reliability<br>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

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**Manufacturer and Supplier Location Information**

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**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

**Manufacturer: Joslyn Sunbank Company (CAGE Code: 07418)**

Location: 1740 Commerce Way, Paso Robles, CA 93446-3620, US

Plants:

1. Plant: Same Address as Manufacturer