Specification Details: **Date: 12/6/2007**

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:

DSCC Office of Primary Involvement: Passive Devices Team, DSCC-VQP
Primary DSCC-VQ Contact: 614-692-0620, e-mail: vqp.rvm@dla.mil
Secondary DSCC-VQ Contact: 614-692-7702, e-mail: vqp.lh@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

Supplier: Amphenol Aerospace - Amphenol Connectors
Government Designation: MS20028
Manufacturer's Designation: LJT067T-( )
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: MS20029
Manufacturer's Designation: LJT07P-( )
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: MS27334
Manufacturer's Designation: JT00C-( )
Description: Connector
Class: T, P
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: 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: MS27336
Manufacturer's Designation: JT06C-( )
Description: Connector
Class: T, P
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: T, P
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: Joslyn Sunbank Company
Government Designation: MS27342
Manufacturer's Designation: S2237-( )
Description: Adapter
Finish: A, B
Adapter Geometry: 1 Shell Size: 8, 10, 12, 14, 16, 18, 20, 22, 24
Test or Qualification Reference: AFALD/PTSP Ltr 27 May 83

Supplier: Amphenol Aerospace - Amphenol Connectors
Government Designation: MS27342
Manufacturer's Designation: 10-44039-( )
Description: Adapter
Finish: A, B
Adapter Geometry: 2 Shell Size: 8, 10, 12, 14, 16, 18, 20, 22, 24
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

Plant Location: Same Address as Manufacturer

Manufacturer: Joslyn Sunbank Company (CAGE Code: 07418)
Location: 1740 Commerce Way, Paso Robles, CA 93446-3620, US

Plant Location: Same Address as Manufacturer