QUALIFICATIONS VALIDATED
EVERY TWO YEARS

QPL-27599-13
18-Feb-05
SUPERSEDING
QPL-27599-12
20-Feb-03

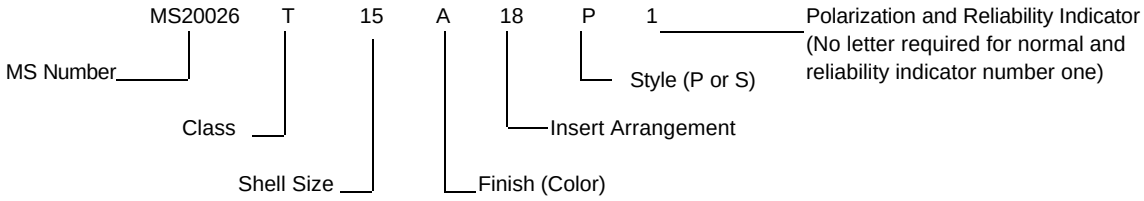
QUALIFIED PRODUCTS LIST
OF
PRODUCTS QUALIFIED UNDER MILITARY SPECIFICATION
MIL-C-27599
CONNECTORS, ELECTRICAL, CIRCULAR, MINIATURE, HIGH DENSITY,
QUICK DISCONNECT, ENVIRONMENT RESISTANT, SOLDER CONTACTS
GENERAL SPECIFICATION FOR

Effective 7 December 1998, MIL-C-27599 was declared "Inactive for New Design" with no superseding specification. This is applicable on all acquisitions to which MIL-C-27599 is applied.

This list has been prepared for use by or for the Government in the acquisition of products covered by subject specification and such listing of a product is not intended to and does not connote endorsement of the product by the Department of Defense. All products listed herein have been qualified under the requirements for the product as specified in the latest effective issue of the applicable specification. This list is subject to change without notice; revision or amendment of this list will be issued as necessary. The listing of a product does not release the supplier from compliance with the specification requirements.
The activity responsible for this QPL is the Defense Supply Center Columbus (DSCC-VQ), Columbus, OH 43218-3990.

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

The qualified products are listed in tabular form for each manufacturer. Connectors are qualified to any combination of class, finish, and style shown. The insert arrangement number applicable to each shell size is shown in a vertical column under the shell size. An example of the Government designation which identifies the connector is shown below:



DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

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: 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: 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: 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