DETAIL SPECIFICATION

CONNECTORS, ELECTRICAL, CIRCULAR, MINIATURE, HIGH DENSITY, QUICK DISCONNECT (BAYONET, THREADED, OR BREECH COUPLING), ENVIRONMENT RESISTANT WITH CRIMP REMOVABLE CONTACTS OR HERMETICALLY SEALED WITH FIXED, SOLDERABLE CONTACTS, GENERAL SPECIFICATION FOR

This supplement forms a part of MIL-DTL-38999M, dated 11 February 2015.

SERIES I, SCOOP–PROOF, BAYONET COUPLING CONNECTORS


MS27466 - Connectors, Receptacle, Electrical, Wall Mounting Flange, Crimp Type, Bayonet Coupling, Series I.

MS27467 - Connectors, Plug, Electrical, Straight, Crimp Type, Bayonet Coupling, Series I.

MS27468 - Connectors, Receptacle, Electrical, Jam Nut Mounting, Crimp Type, Bayonet Coupling, Series I.

MS27469 - Connectors, Receptacle, Electrical, Wall Mounting Flange, Solder Type, Hermetic Seal, Series I.

MS27470 - Connectors, Receptacle, Electrical, Jam Nut Mounting, Solder Type, Hermetic Seal, Series I.

MS27471 - Connectors, Receptacle, Electrical, Solder Mounting, Solder Type, Hermetic Seal, Series I.

MS27496 - Connectors, Receptacle, Electrical, Box Mounting, Crimp Type, Bayonet Coupling, Series I.

MS27505 - Connectors, Receptacle, Electrical, Back Panel, Box Mounting Flange, Crimp Type, Bayonet Coupling, Series I.

MS27515 - Connectors, Receptacle, Electrical, Crimp Type, Back Panel, Wall Mounting Flange, Series I, (Inactive / use MS27656).

MS27652 - Connectors, Receptacle, Electrical, Wall Mounting Flange, Crimp Type, Bayonet Coupling, Series I (Inactive / use MS27466).

MS27653 - Connectors, Plug, Electrical, Straight, Crimp Type, Bayonet Coupling, Series I, (Inactive / use MS27467).

MS27654 - Connectors, Receptacle, Electrical, Back Panel, Wall Mounting Flange, Crimp Type, Bayonet Coupling, Series I, (Inactive / use MS27656).

MS27656 - Connectors, Receptacle, Electrical, Back Panel, Wall Mounting Flange, Crimp Type, Bayonet Coupling, Series I.

MS27661 - Connectors, Plug, Electrical, Crimp Type, Lanyard Release, Fail-Safe, Series I.

MS27662 - Connectors, Receptacle, Electrical, Thru-Bulkhead Mounting, Bayonet Coupling, Series I.
SERIES II, NON-SCOOP-PROOF, BAYONET COUPLING, LOW SILHOUETTE CONNECTORS

<table>
<thead>
<tr>
<th>Specification</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MIL-DTL-38999/10</td>
<td>Connectors, Electrical, Circular, Receptacle, Dummy Stowage, Bayonet Coupling Flange, (MIL-C-27599 Series II, and MIL-DTL-38999 Series II)</td>
</tr>
<tr>
<td>MS27472</td>
<td>Connectors, Receptacle, Electrical Wall Mounting Flange, Crimp Type, Bayonet Coupling, Series II.</td>
</tr>
<tr>
<td>MS27473</td>
<td>Connectors, Plug, Electrical Straight, Crimp Type, Bayonet Coupling, Series II.</td>
</tr>
<tr>
<td>MS27474</td>
<td>Connectors, Receptacle, Electrical, Jam Nut Mounting, Crimp Type, Bayonet Coupling, Series II.</td>
</tr>
<tr>
<td>MS27475</td>
<td>Connectors, Receptacle, Electrical, Wall Mounting Flange, Solder Type, Hermetic Seal, Series II.</td>
</tr>
<tr>
<td>MS27476</td>
<td>Connectors, Receptacle, Electrical, Box Mounting, Solder Type, Hermetic Seal, Series II.</td>
</tr>
<tr>
<td>MS27477</td>
<td>Connectors, Receptacle, Electrical Jam Nut Mounting, Solder Type, Hermetic Seal, Series II.</td>
</tr>
<tr>
<td>MS27478</td>
<td>Connectors, Receptacle, Electrical Solder Mounting, Solder Type, Hermetic Seal, Series II.</td>
</tr>
<tr>
<td>MS27479</td>
<td>Connectors, Receptacle, Electrical, Wall Mounting Flange, Crimp Type, Bayonet Coupling, Series II.</td>
</tr>
<tr>
<td>MS27480</td>
<td>Connectors, Plug, Electrical, Straight, Crimp Type, Bayonet Coupling, Series II.</td>
</tr>
<tr>
<td>MS27484</td>
<td>Connectors, Plug, Electrical, Straight, Crimp Type, Bayonet Coupling, EMI, Series II.</td>
</tr>
<tr>
<td>MS27497</td>
<td>Connectors, Receptacle, Electrical, Back Panel, Wall Mounting Flange, Crimp Type, Bayonet Coupling, Series II.</td>
</tr>
<tr>
<td>MS27499</td>
<td>Connectors, Receptacle, Electrical, Box Mounting Flange, Crimp Type, Bayonet Coupling, Series II.</td>
</tr>
<tr>
<td>MS27500</td>
<td>Connectors, Plug, Electrical, 90 Degree Elbow, Crimp Type, Bayonet Coupling, Series II.</td>
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<tr>
<td>MS27508</td>
<td>Connectors, Receptacle, Electrical, Back Panel, Box Mounting Flange, Crimp Type, Bayonet Coupling, Series II.</td>
</tr>
<tr>
<td>MS27513</td>
<td>Connectors, Receptacle, Electrical, Box Mounting Flange, Extended Grommet, Crimp Type, Bayonet Coupling, Series II.</td>
</tr>
</tbody>
</table>
SERIES III, SCOOP-PROOF, SELF-LOCKING, ENVIRONMENT RESISTANT, TRIPLE START THREADED COUPLING CONNECTORS

MIL-DTL-38999/21 - Connectors, Electrical, Circular, Threaded, Receptacle, Box Mounting Flange, Hermetic Solder Contacts, Series III, Metric.
MIL-DTL-38999/22 - Connectors, Electrical, Circular, Receptacle, Threaded, Dummy Stowage, Series III, Metric.
MIL-DTL-38999/24 - Connectors, Electrical, Circular, Receptacle, Threaded, Jam Nut Mounting, Removable Crimp, Contacts, Series III, Metric.
MIL-DTL-38999/26 - Connectors, Electrical, Circular, Plug, Straight, Removable Crimp Contacts, Metric.
SERIES IV, SCOOP-PROOF, ENVIRONMENT RESISTANT, BREECH COUPLING CONNECTORS

MIL-DTL-38999/40 - Connectors, Electrical, Circular, Receptacle, Wall Mounting Flange, Removable Crimp Contacts, Series IV, Metric.
MIL-DTL-38999/41 - Connectors, Electrical, Circular, Receptacle, Box Mounting Flange, Hermetic, Breech Coupling, Hermetic Solder Contacts, Series IV, Metric.
MIL-DTL-38999/42 - Connectors, Electrical, Circular, Receptacle, Box, Mounting Flange, Breech Coupling, Removable Crimp Contacts, Series IV, Metric.
MIL-DTL-38999/43 - Connectors, Electrical, Circular, Receptacle, Jam Nut Mounting, Hermetic, Breech Coupling, Hermetic Solder Contacts, Series IV, Metric.
MIL-DTL-38999/44 - Connectors, Electrical, Circular, Receptacle, Jam Nut Mounting, Breech Coupling Removable Crimp Contacts, Series IV, Metric.
MIL-DTL-38999/46 - Connectors, Electrical, Circular, Plug, Breech Coupling, EMI Grounding, Removable Crimp Contacts, Series IV, Metric.
MIL-DTL-38999/47 - Connectors, Electrical, Circular, Plug, Breech Coupling, Removable Crimp Contacts, Series IV, Metric.
MIL-DTL-38999/49 - Connectors, Electrical, Circular, Receptacle, In Line Cable, Breech Coupling, Removable Crimp Contacts, Series IV, Metric.
MIL-DTL-38999/50 - Connectors, Electrical, Circular, Receptacle, Dummy Stowage, Breech Coupling, Series IV, Metric.

CONNECTOR ACCESSORIES

Series I and II:

MS27342 - Connectors, Adapter, Electrical, Series I and II.
MS27501 - Connectors, Electrical, Circular, Cover, Protective, Plug, Bayonet Coupling, Series I.
MS27502 - Connectors, Electrical, Circular, Cover, Protective, Receptacle, Bayonet Coupling, Series I.
MS27510 - Connectors, Electrical, Circular, Cover, Protective, Plug, Bayonet Coupling, Series II.
MS27511 - Connectors, Electrical, Circular, Cover, Protective, Receptacle, Bayonet Coupling, Series II.
MS27512 - Connectors, Electrical, Circular, Nut, Hexagon, Connector Mounting, Series II.
SAE-AS85049/32 - Connector Accessories, Electrical, Backshell, Nonenvironmental, 90°, Shielded Termination, Category 3C (for MIL-DTL-38999 Series I and II Connectors).
CONNECTOR ACCESSORIES

Series III and IV:


MIL-DTL-38999M/32 - Connectors, Electrical, Circular, Cover, Protective, Plug, Series III, Metric.

MIL-DTL-38999M/33 - Connectors, Electrical, Circular, Cover, Protective, Receptacle, Series III, Metric.

MIL-DTL-38999M/51 - Connector, Electrical Circular, Cover, Protective, Plug, MIL-DTL-38999 Series IV.

MIL-DTL-38999M/52 - Connector, Electrical Circular, Cover, Protective, Receptacle, MIL-DTL-38999 Series IV.

MIL-DTL-38999M/62 - Sealing Boot, Size 8, Pin or Socket, Shielded Crimp Contacts, Electrical Connector, Circular, Metric.

CROSS-REFERENCE

Cross-reference of Superseded Documents

<table>
<thead>
<tr>
<th>Superseded document</th>
<th>Superseded by</th>
<th>Superseded document</th>
<th>Superseded by</th>
</tr>
</thead>
<tbody>
<tr>
<td>MS27481</td>
<td>MS27474</td>
<td>MS27667</td>
<td>--------------</td>
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<tr>
<td>MS27482</td>
<td>MS27475</td>
<td>MS27668</td>
<td>SAE-AS85049/56</td>
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<td>MS27477</td>
<td>MS27669</td>
<td>SAE-AS85049/57</td>
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<td>SAE-AS85049/58</td>
<td>MS27670</td>
<td>SAE-AS85049/63</td>
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<td>SAE-AS85049/75</td>
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<td>MS27489</td>
<td>SAE-AS85049/32</td>
<td>MIL-C-38999/2</td>
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<td>MS27467</td>
<td>MIL-C-38999/3</td>
<td>SAE-AS85049/33</td>
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<td>MS27499</td>
<td>MIL-C-38999/4</td>
<td>SAE-AS85049/30</td>
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<td>MS27506</td>
<td>SAE-AS85049/49</td>
<td>MIL-C-38999/5</td>
<td>SAE-AS85049/17</td>
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<td>MS27507</td>
<td>SAE-AS85049/47</td>
<td>MIL-C-38999/6</td>
<td>SAE-AS85049/29</td>
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<tr>
<td>MS27663</td>
<td>SAE-AS85049/45, /46</td>
<td>MIL-C-38999/7</td>
<td>SAE-AS85049/36</td>
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<tr>
<td>MS27664</td>
<td>MS27467</td>
<td>MIL-C-38999/8</td>
<td>SAE-AS85049/37</td>
</tr>
</tbody>
</table>

CONCLUDING MATERIAL

Custodians: Preparing activity:

Army - CR DLA - CC
Navy - AS
Air Force - 85 DLA - CC

Review activities:

Army - AR, MI (Project 5935-2013-001)
Navy - EC, MC, OS
Air Force - 19, 99
DLA – IS
Other - MDA

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at https://assist.dla.mil.