

MILITARY SPECIFICATION

CONNECTORS, ELECTRICAL, RECTANGULAR, ENVIRONMENT
RESISTANT, CRIMP CONTACTS, GENERAL SPECIFICATION FOR

This supplement forms a part of Military Specification MIL-C-81659B dated _____, and is approved for use by all Departments and Agencies of the Department of Defense.

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| MIL-C-81659/1 | - Connectors, Electrical, Rectangular, Plug, Environment Resistant, Crimp Contacts, Single Insert, Type II, Class 1 (-65°C to +125°C), Series 1, Shell Designator A |
| MIL-C-81659/2 | - Connectors, Electrical, Rectangular, Plug, Environment Resistant, Crimp Contacts, Single Insert, Type II, Class 2 (-65°C to +200°C), Series 1, Shell Designator A |
| MIL-C-81659/3 | - Connectors, Electrical, Rectangular, Receptacle, Environment Resistant, Crimp Contacts, Single Insert, Type II, Class 1 (-65°C to +125°C), Series 1, Shell Designator A |
| MIL-C-81659/4 | - Connectors, Electrical, Rectangular, Receptacle, Environment Resistant, Crimp Contacts, Single Insert, Type II, Class 2 (-65°C to +200°C), Series 1, Shell Designator A |
| MIL-C-81659/5 | - Connectors, Electrical, Rectangular, Receptacle, Environment Resistant, Crimp Contacts, Single Insert, Type I, Class 1 (-65°C to +125°C), Series 1, Shell Designator A |
| MIL-C-81659/6 | - Connectors, Electrical, Rectangular, Receptacle, Environment Resistant, Crimp Contacts, Single Insert, Type I, Class 2 (-65°C to +200°C), Series 1, Shell Designator A |
| MIL-C-81659/7 | - Connectors, Electrical, Rectangular, Plug, Environment Resistant, Crimp Contacts, Double Insert, Type II, Class 1 (-65°C to +125°C), Series 1, Shell Designator A |
| MIL-C-81659/8 | - Connectors, Electrical, Rectangular, Plug, Environment Resistant, Crimp Contacts, Double Insert, Type II, Class 2 (-65°C to +200°C), Series 1, Shell Designator A |
| MIL-C-81659/9 | - Connectors, Electrical, Rectangular, Receptacle, Environment Resistant, Crimp Contacts, Double Insert, Type II, Class 1 (-65°C to +125°C), Series 1, Shell Designator A |
| MIL-C-81659/10 | - Connectors, Electrical, Rectangular, Receptacle, Environment Resistant, Crimp Contacts, Double Insert, Type II, Class 2 (-65°C to +200°C), Series 1, Shell Designator A |
| MIL-C-81659/11 | - Connectors, Electrical, Rectangular, Receptacle, Environment Resistant, Crimp Contacts, Double Insert, Type I, Class 1 (-65°C to +125°C), Series 1, Shell Designator A |
| MIL-C-81659/12 | - Connectors, Electrical, Rectangular, Receptacle, Environment Resistant, Crimp Contacts, Double Insert, Type I, Class 2 (-65°C to +200°C), Series 1, Shell Designator A |
| MIL-C-81659/21 | - Connectors, Electrical, Rectangular, Plug, Environment Resistant, Crimp Contacts, Double Insert, Type II, Class 1 (-65°C to +125°C), Series 1, Shell Designator B |
| MIL-C-81659/22 | - Connectors, Electrical, Rectangular, Plug, Environment Resistant, Crimp Contacts, Double Insert, Type II, Class 2 (-65°C to +200°C), Series 1, Shell Designator B |
| MIL-C-81659/23 | - Connectors, Electrical, Rectangular, Plug, Environment Resistant, Crimp Contacts, Double Insert, Type I, Class 1 (-65°C to +125°C), Series 1, Shell Designator B |
| MIL-C-81659/24 | - Connectors, Electrical, Rectangular, Plug, Environment Resistant, Crimp Contacts, Double Insert, Type I, Class 2 (-65°C to +200°C), Series 1, Shell Designator B |

MIL-C-81659B
SUPPLEMENT 1

- MIL-C-81659/25 - Connectors, Electrical, Rectangular, Receptacle, Environment Resistant, Crimp Contacts, Double Insert, Type II, Class 1 (-65°C to +125°C), Series 1, Shell Designator B.
- MIL-C-81659/26 - Connectors, Electrical, Rectangular, Receptacle, Environment Resistant, Crimp Contacts, Double Insert, Type II, Class 2 (-65°C to +200°C), Series 1, Shell Designator B.
- MIL-C-81659/27 - Connectors, Electrical, Rectangular, Receptacle, Environment Resistant, Crimp Contacts, Double Insert, Type I, Class 1 (-65°C to +125°C), Series 1, Shell Designator B.
- MIL-C-81659/28 - Connectors, Electrical, Rectangular, Receptacle, Environment Resistant, Crimp Contacts, Double Insert, Type I, Class 2 (-65°C to +200°C), Series 1, Shell Designator B.
- MIL-C-81659/29 - Connectors, Electrical, Rectangular, Plug, Crimp Contacts, (Single Insert, Type II, Class 1 (-65°C to +125°C), Series 2, Shell Designator A).
- MIL-C-81659/30 - Connectors, Electrical, Rectangular, Plug, Crimp Contacts, (Single Insert, Type II, Class 2 (-65°C to +200°C), Series 2, Shell Designator A).
- MIL-C-81659/31 - Connectors, Electrical, Rectangular, Receptacle, Crimp Contacts, (Single Insert, Type II, Class 1 (-65°C to +125°C), Series 2, Shell Designator A).
- MIL-C-81659/32 - Connectors, Electrical, Rectangular, Receptacle, Crimp Contacts, (Single Insert, Type II, Class 2 (-65°C to +200°C), Series 2, Shell Designator A).
- MIL-C-81659/33 - Connectors, Electrical, Rectangular, Plug, Crimp Contacts, (Dual Insert, Type II, Class 1 (-65°C to +125°C), Series 2, Shell Designator A).
- MIL-C-81659/34 - Connectors, Electrical, Rectangular, Plug, Crimp Contacts, (Dual Insert, Type II, Class 2 (-65°C to +200°C), Series 2, Shell Designator A).
- MIL-C-81659/35 - Connectors, Electrical, Rectangular, Receptacle, Crimp Contacts, (Dual Insert, Type II, Class 1 (-65°C to +125°C), Series 2, Shell Designator A).
- MIL-C-81659/36 - Connectors, Electrical, Rectangular, Receptacle, Crimp Contacts, (Dual Insert, Type II, Class 2 (-65°C to +200°C), Series 2, Shell Designator A).
- MIL-C-81659/37 - Connectors, Electrical, Rectangular, Plug, Crimp Contacts, (Triple Insert, Type II, Class 1 (-65°C to +125°C), Series 2, Shell Designator A).
- MIL-C-81659/38 - Connectors, Electrical, Rectangular, Plug, Crimp Contacts, (Triple Insert, Type II, Class 2 (-65°C to +200°C), Series 2, Shell Designator A).
- MIL-C-81659/39 - Connectors, Electrical, Rectangular, Receptacle, Crimp Contacts, (Triple Insert, Type II, Class 1 (-65°C to +125°C), Series 2, Shell Designator A).
- MIL-C-81659/40 - Connectors, Electrical Rectangular, Receptacle, Crimp Contacts, (Triple Insert, Type II, Class 2 (-65°C to +200°C), Series 2, Shell Designator A).
- MIL-C-81659/41 - Connectors, Electrical, Rectangular, Plug, Crimp Contacts, (Quadruple Insert, Type II, Class 1 (-65°C to +125°C), Series 2, Shell Designator A).
- MIL-C-81659/42 - Connectors, Electrical, Rectangular, Plug, Crimp Contacts, (Quadruple Insert, Type II, Class 2 (-65°C to +200°C), Series 2, Shell Designator A).
- MIL-C-81659/43 - Connectors, Electrical, Rectangular, Receptacle, Crimp Contacts, (Quadruple Insert, Type II, Class 1 (-65°C to +125°C), Series 2, Shell Designator A).
- MIL-C-81659/44 - Connectors, Electrical, Rectangular, Receptacle, Crimp Contacts, (Quadruple Insert, Type II, Class 2 (-65°C to +200°C), Series 2, Shell Designator A).
- MIL-C-81659/45 - Connectors, Electrical Rectangular, Plug, Environment Resistant, Crimp Contacts, Single Insert, Type II, Class 1 (-65°C to +125°C), Series 2, Shell Designator B.
- MIL-C-81659/46 - Connectors, Electrical, Rectangular, Plug, Environment Resistant, Crimp Contacts, Single Insert, Type II, Class 2 (-65°C to +200°C), Series 2, Shell Designator B.
- MIL-C-81659/47 - Connectors, Electrical, Rectangular, Receptacle, Environment Resistant, Crimp Contacts, Single Insert, Type II, Class 1 (-65°C to +125°C), Series 2, Shell Designator B.
- MIL-C-81659/48 - Connectors, Electrical, Rectangular, Receptacle, Environment Resistant, Crimp Contacts, Single Insert, Type II, Class 2 (-65°C to +200°C), Series 2, Shell Designator B.
- MIL-C-81659/49 - Connectors, Electrical, Rectangular, Plug, Environment Resistant, Crimp Contacts, Dual Insert, Type II, Class 1 (-65°C to +125°C), Series 2, Shell Designator B.
- MIL-C-81659/50 - Connectors, Electrical, Rectangular, Plug, Environment Resistant, Crimp Contacts, Dual Insert, Type II, Class 2 (-65°C to +200°C), Series 2, Shell Designator B.
- MIL-C-81659/51 - Connectors, Electrical, Rectangular, Receptacle, Environment Resistant, Crimp Contacts, Dual Insert, Type II, Class 1 (-65°C to +125°C), Series 2, Shell Designator B.

MIL-C-81659B
SUPPLEMENT 1

MIL-C-81659/52	- Connectors, Electrical, Rectangular, Receptacle, Environment Resistant, Crimp Contacts, Dual Insert, Type II, Class 2 (-65°C to +200°C), Series 2, Shell Designator B
MIL-C-81659/53	- Connectors, Electrical, Rectangular, Plug, Environment Resistant, Crimp Contacts, Triple Insert, Type II, Class 1 (-65°C to +125°C), Series 2, Shell Designator B
MIL-C-81659/54	- Connectors, Electrical, Rectangular, Plug, Environment Resistant, Crimp Contacts, Triple Insert, Type II, Class 2 (-65°C to +200°C), Series 2, Shell Designator B
MIL-C-81659/55	- Connectors, Electrical, Rectangular, Receptacle, Environment Resistant, Crimp Contacts, Triple Insert, Type II, Class 1 (-65°C to +125°C), Series 2, Shell Designator B
MIL-C-81659/56	- Connectors, Electrical, Rectangular, Receptacle, Environment Resistant, Crimp Contacts, Triple Insert, Type II, Class 2 (-65°C to +200°C), Series 2, Shell Designator B
MIL-C-81659/57	- Connectors, Electrical, Rectangular, Plug, Environment Resistant, Crimp Contacts, Quadruple Insert, Type II, Class 1 (-65°C to +125°C), Series 2, Shell Designator B
MIL-C-81659/58	- Connectors, Electrical, Rectangular, Plug, Environment Resistant, Crimp Contacts, Quadruple Insert, Type II, Class 2 (-65°C to +200°C), Series 2, Shell Designator B
MIL-C-81659/59	- Connectors, Electrical, Rectangular, Receptacle, Environment Resistant, Crimp Contacts, Quadruple Insert, Type II, Class 1 (-65°C to +125°C), Series 2, Shell Designator B
MIL-C-81659/60	- Connectors, Electrical, Rectangular, Receptacle, Environment Resistant, Crimp Contacts, Quadruple Insert, Type II, Class 2 (-65°C to +200°C), Series 2, Shell Designator B
MIL-C-81659/61	- Connectors, Electrical, Rectangular, Receptacle, Crimp Contacts, (Single Insert, Type III, Class 1 (-65°C to +125°C), Series 2, Shell Designator A)
MIL-C-81659/62	- Connectors, Electrical, Rectangular, Receptacle, Crimp Contacts, (Dual Insert, Type III, Class 1 (-65°C to +125°C), Series 2, Shell Designator A)
MIL-C-81659/63	- Connectors, Electrical, Rectangular, Receptacle, Crimp Contacts, (Triple Insert, Type III, Class 1 (-65°C to +125°C), Series 2, Shell Designator A)
MIL-C-81659/64	- Connectors, Electrical, Rectangular, Receptacle, Crimp Contacts, (Quadruple Insert, Type III, Class 1 (-65°C to +125°C), Series 2, Shell Designator A)
MIL-C-81659/65	- Connectors, Electrical, Rectangular, Plug, Crimp Contacts, (Single Insert, Type IV, Class 1, (-65°C to +125°C), Series 2, Shell Designator A)
MIL-C-81659/66	- Connectors, Electrical, Rectangular, Receptacle, Crimp Contacts, (Single Insert, Type IV, Class 1, (-65°C to +125°C), Series 2, Shell Designator A)
MIL-C-81659/67	- Connectors, Electrical, Rectangular, Receptacle, Crimp Contacts, (Single Insert, Type IV, Class 1, (-65°C to +125°C), Series 2, Shell Designator A, Clinch Nut Mounting)
MIL-C-81659/68	- Connectors, Electrical, Rectangular, Receptacle, Crimp Contacts, (Single Insert, Type IV, Class 1, (-65°C to +125°C), Series 2, Shell Designator A, Float Mounting)
MIL-C-81659/69	- Connectors, Electrical, Rectangular, Plug, Crimp Contacts, (Dual Insert, Type IV, Class 1, (-65°C to +125°C), Series 2, Shell Designator A)
MIL-C-81659/70	- Connectors, Electrical, Rectangular, Receptacle, Crimp Contacts, (Dual Insert, Type IV, Class 1 (-65°C to +125°C), Series 2, Shell Designator A)
MIL-C-81659/71	- Connectors, Electrical, Rectangular, Receptacle, Crimp Contacts, (Dual Insert, Type I, Class 1, (-65°C to +125°C), Series 2, Shell Designator A, Clinch Nut Mounting)
MIL-C-81659/72	- Connectors, Electrical Rectangular, Receptacle, Crimp Contacts, (Dual Insert, Type IV, Class 1, (-65°C to +125°C), Series 2, Shell Designator A, Float Mounting)

Custodians
 Nav - AS
 Air Force - 85
 Army - EL

Review activities
 Navy - EC, OS
 Air Force - 11, 99

Preparing activity
 Navy - AS

Agent
 DSA - ES

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