

## 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.

- 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-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

Preparing activity  
navy - AS

Agent  
DSA - ES

## Review activities

Navv - EC, OS  
Air Force - 11, 99

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