

MILITARY SPECIFICATION

CONNECTORS, ELECTRICAL, RECTANGULAR, RACK AND PANEL,
SOLDER TYPE AND CRIMP TYPE CONTACTS
GENERAL SPECIFICATION FOR

This supplement forms a part of Military Specification MIL-C-28748A, dated

SPECIFICATION SHEETS

MIL-C-28748/1	Connectors, Electrical, Rectangular, Rack and Panel, Solder Type Pin Contacts, Size 16.
MIL-C-28748/2	Connectors, Electrical, Rectangular, Rack and Panel, Solder Type Socket Contacts, Size 16.
MIL-C-28748/3	Connectors, Electrical, Rectangular, Rack and Panel, Crimp Type Removable Pin Contacts, Sizes 16 and 20.
MIL-C-28748/4	Connectors, Electrical, Rectangular, Rack and Panel, Crimp Type Removable Socket Contacts, Sizes 16 and 20.
MIL-C-28748/5	Connectors, Electrical, Rectangular, Rack and Panel, Solder Type Pin Contacts, Size 20.
MIL-C-28748/6	Connectors, Electrical, Rectangular, Rack and Panel, Solder Type Socket Contacts, Size 20.
MIL-C-28748/7	Connectors, Electrical, Rectangular, Rack and Panel, Solder Type Pin Contacts, Size 22.
MIL-C-28748/8	Connectors, Electrical, Rectangular, Rack and Panel, Solder Type Socket Contacts, Size 22.
MIL-C-28748/9	Connectors, Electrical, Rectangular, Rack and Panel, Polarized Center Jackscrew or Guide Pin Style, Crimp Type Removable Pin Contacts, Size 16.
MIL-C-28748/10	Connectors, Electrical, Rectangular, Rack and Panel, Polarized Center Jackscrew or Guide Pin Style, Crimp Type Removable Socket Contacts, Size 16.
MIL-C-28748/13	Connectors, Electrical, Rectangular, Rack and Panel, Crimp Type Removable Pin Contacts, Size 22.
MIL-C-28748/14	Connectors, Electrical, Rectangular, Rack and Panel, Crimp Type Removable Socket Contacts, Size 22.

MS STANDARDS

MS14005	Insert (Insulator), Rectangular Connector, Electrical, 26 (Size 16, 20 Crimp Removable) Socket Contacts.
MS14006	Insert (Insulator), Rectangular Connector, Electrical, 9 (Size 16, 20 Crimp Removable) Socket Contacts.
MS14007	Insert (Insulator), Rectangular Connector, Electrical, 9 (Size 16, 20 Crimp Removable) Pin Contacts.
MS14008	Insert (Insulator), Rectangular Connector, Electrical, 26 (Size 16, 20 Crimp Removable) Pin Contacts.
MS14010	Insert (Insulator), Rectangular Connector, Electrical, 7 (Size 16 and 20 Crimp Removable) Pin Contacts.
MS14011	Insert (Insulator), Rectangular Connector, Electrical, 7 (Size 16 and 20 Crimp Removable) Socket Contacts.
MS14012	Connector, Rectangular, Electrical, Rack and Panel, 4, Size 22 Solder Pin Contacts.
MS14013	Connector, Rectangular, Electrical, Rack and Panel, 4, Size 22 Solder Socket Contacts.
MS14014	Connector, Rectangular, Electrical, Rack and Panel, 7, Size 22 Solder Pin Contacts.
MS14015	Connector, Rectangular, Electrical, Rack and Panel, 7, Size 22 Solder Socket Contacts.
MS14016	Connector, Rectangular, Electrical, Rack and Panel, 14, Size 22 Solder Pin Contacts.
MS14017	Connector, Rectangular, Electrical, Rack and Panel, 14, Size 22 Solder Socket Contacts.
MS14018	Connector, Rectangular, Electrical, Rack and Panel, 20, Size 22 Solder Pin Contacts.

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MS STANDARDS

MS14019 Connector, Rectangular, Electrical, Rack and Panel, 20, Size 22 Solder Socket Contacts.

MS14020 Connector, Rectangular, Electrical, Rack and Panel, 26, Size 22 Solder Pin Contacts.

MS14021 Connector, Rectangular, Electrical, Rack and Panel, 26, Size 22 Solder Socket Contacts.

MS14022 Connector, Rectangular, Electrical, Rack and Panel, 34, Size 22 Solder Pin Contacts.

MS14023 Connector, Rectangular, Electrical, Rack and Panel, 34, Size 22 Solder Socket Contacts.

MS14024 Connector, Rectangular, Electrical, Rack and Panel, 44, Size 22 Solder Pin Contacts.

MS14025 Connector, Rectangular, Electrical, Rack and Panel, 44, Size 22 Solder Socket Contacts.

MS14026 Connector, Rectangular, Electrical, Rack and Panel, 50, Size 22 Solder Pin Contacts.

MS14027 Connector, Rectangular, Electrical, Rack and Panel, 50, Size 22 Solder Socket Contacts.

MS14071 Shield, Electrical Connector, for 7, 9, 14, 20, 26, 34, 42 and 50 Contact Connectors.

MS14072 Shell, Electrical Connector, for 7, 9, 14, 20, 26, 34, 42 and 50 Contact Connectors.

MS17778 Insert (Insulator), Rectangular Connector, Polarized Center Screwlock, Electrical, 104 (Size 16 Crimp Removable) Pin Contacts.

MS17779 Insert (Insulator), Rectangular Connector, Polarized Center Screwlock, Electrical, 104 (Size 16 Crimp Removable) Socket Contacts.

MS18155 Insert (Insulator), Rectangular Connector, Polarized Center Screwlock, Electrical, 10 (Size 16 Crimp Removable) Pin Contacts.

MS18156 Insert (Insulator), Rectangular Connector Polarized Center Screwlock, Electrical, 10 (Size 16 Crimp Removable) Socket Contacts.

MS18157 Insert (Insulator), Rectangular Connector, Polarized Center Screwlock, Electrical, 20 (Size 16 Crimp Removable) Pin Contacts.

MS19158 Insert (Insulator), Rectangular Connector, Polarized Center Screwlock, Electrical, 20 (Size 16 Crimp Removable) Socket Contacts.

MS18159 Insert (Insulator), Rectangular Connector, Polarized Center Screwlock, Electrical, 36 (Size 16 Crimp Removable) Pin Contacts.

MS18160 Insert (Insulator), Rectangular Connector, Polarized Center Screwlock, Electrical, 36 (Size 16 Crimp Removable) Socket Contacts.

MS18161 Insert (Insulator), Rectangular Connector, Polarized Center Screwlock, Electrical, 52 (Size 16 Crimp Removable) Pin Contacts.

MS18162 Insert (Insulator), Rectangular Connector, Polarized Center Screwlock, Electrical, 52 (Size 16 Crimp Removable) Socket Contacts.

MS18163 Insert (Insulator), Rectangular Connector, Polarized Center Screwlock, Electrical, 80 (Size 16 Crimp Removable) Pin Contacts.

MS18164 Insert (Insulator), Rectangular Connector, Polarized Center Screwlock, Electrical, 80 (Size 16 Crimp Removable) Socket Contacts.

MS18165 Insert (Insulator), Rectangular Connector, Polarized Center Screwlock, Electrical, 158 (Size 16 Crimp Removable) Pin Contacts.

MS18166 Insert (Insulator), Rectangular Connector, Polarized Center Screwlock, Electrical, 158 (Size 16 Crimp Removable) Socket Contacts.

MS18167 Insert (Insulator), Rectangular Connector, Polarized Center Screwlock, Electrical, 212 (Size 16 Crimp Removable) Pin Contacts.

MS18168 Insert (Insulator), Rectangular Connector, Polarized Center Screwlock, Electrical, 212 (Size 16 Crimp Removable) Socket Contacts.

MS18173 Washer, Flat.

MS18174 Insert (Insulator), Rectangular Connector, Electrical, 14 (Size 16 and 20 Crimp Removable) Pin Contacts.

MS18175 Insert (Insulator), Rectangular Connector, Electrical, 14 (Size 16 and 20 Crimp Removable) Socket Contacts.

MS18176 Insert (Insulator), Rectangular Connector, Electrical, 20 (Size 16 and 20 Crimp Removable) Pin Contacts.

MS18177 Insert (Insulator), Rectangular Connector, Electrical, 20 (Size 16 and 20 Crimp Removable) Socket Contacts.

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MS STANDARDS

MS18178	Insert (Insulator), Rectangular Connector, Electrical, 34 (Size 16 and 20 Crimp Removable) Pin Contact.
MS18179	Insert (Insulator), Rectangular Connector, Electrical, 34 (Size 16 and 20 Crimp Removable) Socket Contacts.
MS18180	Insert (Insulator), Rectangular Connector, Electrical, 42 (Size 16 and 20 Crimp Removable) Pin Contacts.
MS18181	Insert (Insulator), Rectangular Connector, Electrical, 42 (Size 16 and 20 Crimp Removable) Socket Contacts.
MS18182	Insert (Insulator), Rectangular Connector, Electrical, 50 (Size 16 and 20 Crimp Removable) Pin Contacts.
MS18183	Insert (Insulator), Rectangular Connector, Electrical, 50 (Size 16 and 20 Crimp Removable) Socket Contacts.
MS18184	Insert (Insulator), Rectangular Connector, Electrical, 66 (Size 16 and 20 Crimp Removable) Pin Contacts.
MS18185	Insert (Insulator), Rectangular Connector, Electrical, 66 (Size 16 and 20 Crimp Removable) Socket Contacts.
MS18187	Insert (Insulator), Rectangular Connector, Electrical, 75 (Size 16 and 20 Crimp Removable) Pin Contacts.
MS18188	Insert (Insulator), Rectangular Connector, Electrical, 75 (Size 16 and 20 Crimp Removable) Socket Contacts.
MS18189	Insert (Insulator), Rectangular Connector, Electrical, 104 (Size 16 and 20 Crimp Removable) Pin Contacts.
MS18190	Insert (Insulator), Rectangular Connector, Electrical, 104 (Size 16 and 20 Crimp Removable) Socket Contacts.
MS18192	Shield, Electrical Connector for Size 7, 9, 14, 20, 26, 34, 42, 50 and 75 Contact Connectors.
MS18193	Shield, Electrical Connector for Size 56 and 104 Contact Connectors.
MS18194	Jackscrew, Electrical Connector, Male and Female, Long, Turnable.
MS18195	Jackscrew, Electrical Connector, Male and Female, Short, Turnable.
MS18196	Jackscrew, Electrical Connector, Male and Female, Fixed.
MS18197	Guide Pin, Electrical Connector, Male and Female.
MS18198	Plate, Retaining, Receptacle, Electrical Connector, for 9, 14, 20 and 26 Contact Connectors.
MS18199	Plate, Retaining, Receptacle, Electrical Connector, for 34, 42, 50, and 75 Contact Connectors.
MS18200	Plate, Retaining, Receptacle, Electrical Connector, for 66 and 104 Contact Connectors.
MS18203	Shell, Electrical Connector, Plug, Rectangular.
MS18204	Shell, Electrical Connector Receptacle, Rectangular.
MS18205	Pin, Straight Headed.
MS18239	Connector, Rectangular, Electrical, Rack and Panel, 9, Size 16 Solder Socket Contacts.
MS18240	Connector, Rectangular, Electrical, Rack and Panel, 14, Size 16 Solder Pin Contacts.
MS18241	Connector, Rectangular, Electrical, Rack and Panel, 14, Size 16 Solder Socket Contacts.
MS18242	Connector, Rectangular, Electrical, Rack and Panel, 20, Size 16 Solder Pin Contacts.
MS18243	Connector, Rectangular, Electrical, Rack and Panel, 20, Size 16 Solder Socket Contacts.
MS18244	Connector, Rectangular, Electrical, Rack and Panel, 34, Size 16 Solder Pin Contacts.
MS18245	Connector, Rectangular, Electrical, Rack and Panel, 34, Size 16 Solder Socket Contacts.
MS18246	Connector, Rectangular, Electrical, Rack and Panel, 42, Size 16 Solder Pin Contacts.
MS18247	Connector, Rectangular, Electrical, Rack and Panel, 42, Size 16 Solder Socket Contacts.
MS18248	Connector, Rectangular, Electrical, Rack and Panel, 50, Size 16 Solder Pin Contacts.
MS18249	Connector, Rectangular, Electrical, Rack and Panel, 50, Size 16 Solder Socket Contacts.
MS18250	Connector, Rectangular, Electrical, Rack and Panel, 66, Size 16 Solder Pin Contacts.

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MS STANDARDS

MS18251	Connector, Rectangular, Electrical, Rack and Panel, 66, Size 16 Solder Socket Contacts.
MS18252	Connector, Rectangular, Electrical, Rack and Panel, 75, Size 16 Solder Pin Contacts.
MS18253	Connector, Rectangular, Electrical, Rack and Panel, 75, Size 16 Solder Socket Contacts.
MS18254	Connector, Rectangular, Electrical, Rack and Panel, 104, Size 16 Solder Pin Contacts.
MS18255	Connector, Rectangular, Electrical, Rack and Panel, 104, Size 16 Solder Socket Contacts.
MS18256	Connector, Rectangular, Electrical, Rack and Panel, 9, Size 20 Solder Socket Contacts.
MS18257	Connector, Rectangular, Electrical, Rack and Panel, 9, Size 20 Solder Pin Contacts.
MS18258	Connector, Rectangular, Electrical, Rack and Panel, 42, Size 20 Solder Pin Contacts.
MS18259	Connector, Rectangular, Electrical, Rack and Panel, 75, Size 20 Solder Socket Contacts.
MS18260	Connector, Rectangular, Electrical, Rack and Panel, 42, Size 20 Solder Socket Contacts.
MS18261	Connector, Rectangular, Electrical, Rack and Panel, 75, Size 20 Solder Pin Contacts.
MS18262	Connector, Rectangular, Electrical, Rack and Panel, 104, Size 20 Solder Socket Contacts.
MS18263	Connector, Rectangular, Electrical, Rack and Panel, 104, Size 20 Solder Pin Contacts.
MS18264	Connector, Rectangular, Electrical, Rack and Panel, 9, Size 16 Solder Pin Contacts.
MS24003	Connector, Rectangular, Electrical, Rack and Panel, 7, Size 20 Solder Socket Contacts.
MS24004	Connector, Rectangular, Electrical, Rack and Panel, 7, Size 20 Solder Pin Contacts.
MS24009	Connector, Rectangular, Electrical, Rack and Panel, 14, Size 20 Solder Socket Contacts.
MS24010	Connector, Rectangular, Electrical, Rack and Panel, 14, Size 20 Solder Pin Contacts.
MS24013	Connector, Rectangular, Electrical, Rack and Panel, 20, Size 20 Solder Socket Contacts.
MS24014	Connector, Rectangular, Electrical, Rack and Panel, 20, Size 20 Solder Pin Contacts.
MS24019	Connector, Rectangular, Electrical, Rack and Panel, 26, Size 20 Solder Socket Contacts.
MS24020	Connector, Rectangular, Electrical, Rack and Panel, 26, Size 20 Solder Pin Contacts.
MS24021	Connector, Rectangular, Electrical, Rack and Panel, 34, Size 20 Solder Socket Contacts.
MS24022	Connector, Rectangular, Electrical, Rack and Panel, 34, Size 20 Solder Pin Contacts.
MS24025	Connector, Rectangular, Electrical, Rack and Panel, 50, Size 20 Solder Socket Contacts.
MS24026	Connector, Rectangular, Electrical, Rack and Panel, 50, Size 20 Solder Pin Contacts.
MS24132	Shield, Electrical Connector for 7, 9, 14, 20, and 26 Rack and Panel Contact Connector.
MS24133	Shield, Electrical Connector for 34, 42, 50, and 75 Contact Rack and Panel Connector.

Preparing activity:
Navy - EC

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