

Description

Qualified to MIL-C-55181, MW Series Power Connectors have a center lock coupling screw and polarized. They're typically used for the interconnection of power & control circuit electric equipment - especially in military & harsh environments, such as soldier communication & ground vehicles.

- Qualified to MIL-C-55181
- Center lock coupling screw: ensures connector can withstand high shock & vibration
- Several part numbers to choose from



Ordering Information

M	55181	X	Y
Prefix M: Military QPL Version	Basic Specifications	Configuration per sub-specification sheet per Table #1	Cable Size Designator (01-05) per Table #2

Part Number	"X" Value	Type	Contact Number	Contact Type	Contact Size
M55181/1-Y	1	Plug	4	Socket	12
M55181/2-01	2	Receptacle	4	Pin	12
M55181/3-Y	3	Plug	4	Pin	12
M55181/4-01	4	Receptacle	4	Socket	12
M55181/7-Y	7	Plug	18	Pin	20
M55181/8-01	8	Receptacle	18	Socket	20

"Y" Value	Cable Diameter (IN)
01	0.292 0.005
02	0.323 0.005
03	0.448 0.005
04	0.511 0.005
05	0.386 0.005

Cross References Part Numbers

Mil	Descriptions	NSN Part Number	Amphenol	Eaton Connector	Power Connector
M55181/1-01	Plug, Cable, 4 contacts, Sockets, 35 AMPS, Size 12 contacts	5935006036952	MW01F(M)A11	MW01F(M)A11	MW01F(M)A11
M55181/1-02	Plug, Cable, 4 contacts, Sockets, 35 AMPS, Size 12 contact	5935012047312	MW01F(M)A13	MW01F(M)A13	MW01F(M)A13
M55181/1-03	Plug, Cable, 4 contacts, Sockets, 35 AMPS, Size 12 contacts	5935009213399	MW01F(M)A17	MW01F(M)A17	MW01F(M)A17
M55181/1-04	Plug, Cable, 4 contacts, Sockets, 35 AMPS, Size 12 contacts	5935012497559	MW01F(M)A19	MW01F(M)A19	MW01F(M)A19
M55181/1-05	Plug, Cable, 4 contacts, Sockets, 35 AMPS, Size 12 contacts	5935013294190	MW01F(M)A15	MW01F(M)A15	MW01F(M)A15
M55181/2-01	Receptacle, Panel, 4 contacts, Pins, 35AMPS, Size 12 contacts	5935013789152	MW20M(M)A00	MW20M(M)A00	MW20M(M)A00
M55181/3-01	Plug, Cable, 4 contacts, Pins, 35 AMPS, Size 12 contacts	5935012082345	MW10M(M)A11	MW10M(M)A11	MW10M(M)A11
M55181/3-02	Plug, Cable, 4 contacts, Pins, 35 AMPS, Size 12 contacts	5935011249341	MW10M(M)A13	MW10M(M)A13	MW10M(M)A13
M55181/3-03	Plug, Cable, 4 contacts, Pins, 35 AMPS, Size 12 contacts	5935011676095	MW10M(M)A17	MW10M(M)A17	MW10M(M)A17
M55181/3-04	Plug, Cable, 4 contacts, Pins, 35 AMPS, Size 12 contacts	-	MW10M(M)A19	MW10M(M)A19	MW10M(M)A19
M55181/3-05	Plug, Cable, 4 contacts, Pins, 35 AMPS, Size 12 contacts	-	MW10M(M)A15	MW10M(M)A15	MW10M(M)A15
M55181/4-01	Receptacle, Panel, 4 contacts, Sockets, 35AMPS, Size 12 contacts	5935011997156	MW20F(M)A00	MW20F(M)A00	MW20F(M)A00
M55181/7-01	Plug, Cable, 18 contacts, Pins, 7.5 AMPS, Size 20 contacts, Solder cup	5935011119956	MW10M(M)D11	MW10M(M)D11	MW10M(M)D11
M55181/7-02	Plug, Cable, 18 contacts, Pins, 7.5 AMPS, Size 20 contacts, Solder cup	5935011163608	MW10M(M)D13	MW10M(M)D13	MW10M(M)D13
M55181/7-03	Plug, Cable, 18 contacts, Pins, 7.5 AMPS, Size 20 contacts, Solder cup	5935008152325	MW10M(M)D17	MW10M(M)D17	MW10M(M)D17
M55181/7-04	Plug, Cable, 18 contacts, Pins, 7.5 AMPS, Size 20 contacts, Solder cup	5935013003701	MW10M(M)D19	MW10M(M)D19	MW10M(M)D19
M55181/7-05	Plug, Cable, 18 contacts, Pins, 7.5 AMPS, Size 20 contacts, Solder cup	5935013298690	MW10M(M)D15	MW10M(M)D15	MW10M(M)D15
M55181/8-01	Receptacle, Panel, 18 contacts, Sockets, 7.5 AMPS, Size 20 contacts, Solder cup	5935001330394	MW20F(M)D00	MW20F(M)D00	MW20F(M)D00