

## 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	MW10F(M)A11	MW10F(M)A11	MW10F(M)A11
M55181/1-02	Plug, Cable, 4 contacts, Sockets, 35 AMPS, Size 12 contact	5935012047312	MW10F(M)A13	MW10F(M)A13	MW10F(M)A13
M55181/1-03	Plug, Cable, 4 contacts, Sockets, 35 AMPS, Size 12 contacts	5935009213399	MW10F(M)A17	MW10F(M)A17	MW10F(M)A17
M55181/1-04	Plug, Cable, 4 contacts, Sockets, 35 AMPS, Size 12 contacts	5935012497559	MW10F(M)A19	MW10F(M)A19	MW10F(M)A19
M55181/1-05	Plug, Cable, 4 contacts, Sockets, 35 AMPS, Size 12 contacts	5935013294190	MW10F(M)A15	MW10F(M)A15	MW10F(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