

MIL-C-55302 Printed Circuit Connectors

-65°C to +125°C

Part Number Ordering Information:

Example of P/N: **M55302/58LA14Y15**, where

M55302	/58	L	A	14	Y	15
Military Specification Number	Detail Specification	Socket Contact Type (Omit for Pin Contacts)	Terminal Type	Number of Contacts	Mounting Hardware Type	Optional Polarization Code (for Hardware Style "Y" ONLY)

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Part Number	Type Description	Terminal Type	No. of Contacts	Mounting Hardware Options
0.100 Inch Spacing Between Contacts				
M55302/55XXXXX	Plug, Socket Contacts, Straight	See Table 2	10, 14, 20, 34, 26, 30, 36, 40, 44, 50, 54, 56, 60, 66, 70	L, M, S, H
M55302/56XXXX	Receptacle, Pin Contacts	See Table 2	"	Jackset
M55302/57XXXX	Plug, Pin Contacts, Right Angle	See Table 1	"	X, Y, S, H
M55302/58XXXXX	Receptacle, Socket Contacts	See Table 2	"	X, Y, F, S, H
M55302/61XXXX	Plug, Pin contacts, Right Angle	See Table 1	"	Jackset
M55302/62XXXXX	Receptacle, Socket Contacts	See Table 2	"	L, M, S, H
M55302/63XXXX	Plug, Pin Contacts, Straight	See Table 2	"	L, M, S, F, H, X, Y
M55302/64XXXXX	Receptacle, Socket Contacts	See Table 2	"	F, X, Y
M55302/65XXXXX	Receptacle, Socket Contacts	Crimp Removable	"	X, Y, F, S, H

M55302/66XXXXX	Receptacle, Socket Contacts	Crimp Removable	"	L, M, S, F, H
M55302/59XXXX	Plug, Pin Contacts, Right Angle	See Table 1	90, 100, 120	X, Y, F, S, H
M55302/60XXXXX	Receptacle, Socket Contacts	See Table 2	90, 100, 120	X, Y, F, S, H
M55302/138XXXXX	Plug, Pin Contacts, Right Angle	See Table 1	160	X, Y, F, S, H
M55302/139XXXXX	Receptacle, Socket Contacts	See Slash Sheet	160	X, Y, F, S, H
0.075 Inch Spacing Between Contacts				
M55302/190LXXXX	Receptacle, Socket Contacts	See Table 3	100	X, Y, F, S, N, L, M
M55302/191XXXXX	Plug, Pin Contacts, Right Angle	See Table 1	100	X, Y, F, S, N, L, M
M55302/192LXXXX	Receptacle, Socket Contacts	See Table 3	122, 152	X, Y, F, S, N, L, M
M55302/193XXXXX	Plug, Pin Contacts, Right Angle	See Table 1	122, 152	X, Y, F, S, N, L, M

Socket Contact Type Code	Description
-	Normal Insertion Force (Not Available for /190 or /192)
L	Low Insertion Force

Table 1: Contact Termination Options for M55302/57, /59, /61, /138, /191, /193

Terminal Type Code	Description
A	.109L Dip Terminal
B	.140L Dip Terminal
C	.172L Dip Terminal

Table 2: Contact Termination Options for M55302/55, /56, /58, /60, /62, /63, /64

Terminal Type Code	Description
A	Solder Cup
B	.140L Dip Terminal
C	.172L Dip Terminal
F	.100 Flex Circuit Terminal (Not Applicable to /60, /63)

Table 3: Contact Termination Options for M55302/190, /192

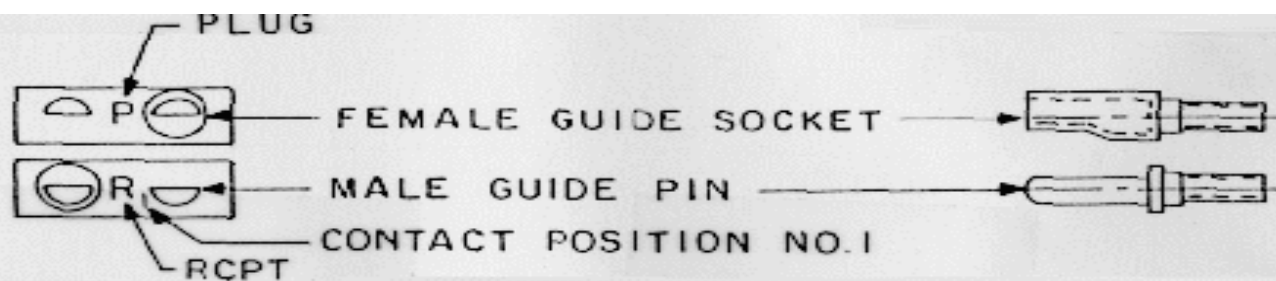
Terminal Type Code	Description
A	Solder Cup
B	.109L Dip Terminal
C	.140L Dip Terminal
D	.172L Dip Terminal
E	.093 Flex Circuit Terminal

Mounting Hardware Option Code	Description
L	Long Slotted Turning Jackscrew (.700)
M	Medium Slotted Turning Jackscrew (.500)
S	Short Slotted Turning Jackscrew (.200); See Application Note 7
F	Fixed Jackscrew
H	Short Hex Turning Jackscrew (.200); See Application Note 7
X	Full Round Guidepins
Y	D Shaped Guidepins

Mating Information

Plug Detail Specification	Mating Receptacle Detail Specification
/55	/56
/57, /61, /63	/58, /62, /64, /65, /66
/138	/139
/191	/190
/193	/192

Connector Polarization Code with D Shaped Guide Pins and Sockets for Hardware Style "Y"



-1	-9	-17	-25	-33	-41	-49	-57
-2	-10	-18	-26	-34	-42	-50	-58
-3	-11	-19	-27	-35	-43	-51	-59
-4	-12	-20	-28	-36	-44	-52	-60
-5	-13	-21	-29	-37	-45	-53	-61
-6	-14	-22	-30	-38	-46	-54	-62
-7	-15	-23	-31	-39	-47	-55	-63
-8	-16	-24	-32	-40	-48	-56	-64