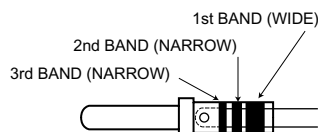


Contacts-Pin (Series I/II/III)

MIL-C-39029/58

KJL/KJ/KJA



Conact Size	1	Color Bands 2	3	Cannon Part Number	M39029 Military Part Number	Superseded Military Part Number
22D	Orange	Blue	Black	030-2042-000	M39029/58-360	MS27493-22D
*22M	Orange	Blue	Brown	030-1993-022	M39029/58-361	MS27493-22M
*22	Orange	Blue	Red	030-1999-022	M39029/58-362	MS27493-22
20	Orange	Blue	Orange	030-1997-020	M39029/58-363	MS27493-20
16	Orange	Blue	Yellow	030-1995-016	M39029/58-364	MS27493-16
12	Orange	Blue	Green	030-2155-000	M39029/58-365	MS27493-12

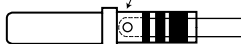
*Inactive for new design.

Contacts-Socket (Series II)

MIL-C-39029/57

KJ

Manufacture identification Code Area - Typical all contacts



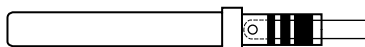
Contact Size	1	Color Bands 2	3	Cannon Part Number	M39029 Military Part Number	Superseded Military Part Number
22D	Orange	Green	Yellow	031-1147-000	M39029/57-354	MS27491-22D
*22M	Orange	Green	Green	031-1122-022	M39029/57-355	MS27491-22M
*22	Orange	Green	Blue	031-1125-022	M39029/57-356	MS27491-22
20	Orange	Green	Violet	031-1124-031	M39029/57-357	MS27491-20
16	Orange	Green	Gray	031-1123-016	M39029/57-358	MS27491-16
12	Orange	Green	White	031-1238-000	M39029/57-359	MS27491-12

*Inactive for new design.

Contacts-Socket (Series I & III)

MIL-C-39029/56

KJL/KJA



Contact Size	1	Color Bands 2	3	Cannon Part Number	M39029 Military Part Number	Superseded Military Part Number
22D	Orange	Yellow	Gray	031-1147-007	M39029/56-348	MS27490-22D
20	Orange	Green	Brown	031-1250-012	M39029/56-351	MS27490-20
16	Orange	Green	Red	031-1251-001	M39029/56-352	MS27490-16
12	Orange	Green	Orange	031-1237-000	M39029/56-353	MS27490-12

Wire Sizes and Diameters**Wire sizes and diameters**

Conact Size	Wire size (AWG)	Finished wire outside dimensions	
		Minimum	Maximum
22D	28, 26, 24, 22	0.030 (0.76)	0.054 (1.37)
22M*	28, 26, 24	0.030 (0.76)	0.050 (1.27)
22*	26, 24, 22	0.034 (0.86)	0.060 (1.52)
20	24, 22, 20	0.040 (1.02)	0.083 (2.11)
16	20, 18, 16	0.065 (1.65)	0.109 (2.77)
12	14, 12	0.097 (2.46)	0.142 (3.61)
8	M17/095-RG-180**	0.135 (3.43)	0.155 (3.94)

*Inactive for new design.

** MIL-C-17

Connectors shall meet the requirements specified when:

- A full complement of wire of the applicable minimum or maximum insulation diameter is installed.
- Any combinations of wire diamters not exceeding dimensions of (a), above can be used.

Note: Contacts for printed circuit and wire wrap applications are also available. Consult ITT Cannon.