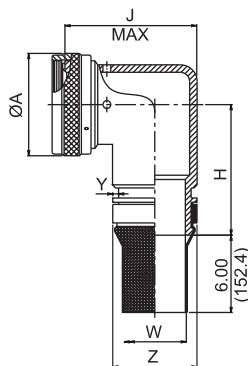
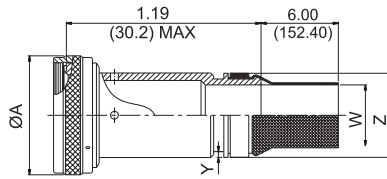


Connector Group - J

Straight, 90°



MIL Part Number

MIL Series	M85049 /	109	S	10	T	W	02	- 6	D	
Slash sheet		109: Straight 111: 90 deg								Drain hole option
Coupling		- : Spin S : Self lock								Shield Length (6in min, 18in max; 1in increments) 6: 6in, 7: 7in, so on
Shell Size		See Table-A								Entry size See Table-A&B
										Finish: see Table-2
										Shield Finish (Material: Copper) K: Nickel T: Tin

NOTE: * For more cable entry and length options, contact factory

TABLE - A									
PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE	A DIA. (MAX)		H (MAX)		J (MAX)	
SHELL SIZE - MIL	ALLOWABLE ENTRY SIZE		SIZE	INCH	MM	INCH	MM	INCH	MM
	MIN	MAX							
08	-	01	8	0.885	22.48	1.73	43.94	1.12	28.45
10	01	03	10	1.01	25.65	1.85	46.99	1.25	31.75
12	01	05	7/12	1.135	28.83	1.87	47.50	1.38	35.05
14	02	06	12/14	1.26	32.00	1.94	49.28	1.44	36.58
16	04	08	19/16	1.385	35.18	2.03	51.56	1.56	39.62
18	05	09	27/18	1.51	38.35	2.2	55.88	1.75	44.45
20	07	11	37/20	1.635	41.53	2.2	55.88	1.75	44.45
22	09	13	22	1.76	44.70	2.31	58.67	2	50.80
24	11	14	24	1.885	47.88	2.31	58.67	2	50.80
28	14	16	28	2.135	54.23	2.48	62.99	2.25	57.15
32	16	17	32	2.395	60.83	2.73	69.34	2.75	69.85
36	17	19	36	2.635	66.93	2.73	69.34	3.125	79.38
40	19	21	40	2.885	73.28	2.88	73.15	4.125	104.78
44	21	23	44	3.135	79.63	3	76.20	4.125	104.78
48	23	25	48	3.385	85.98	3.12	79.25	4.125	104.78

Table Continued

TABLE - B						
ENTRY SIZE	W ±0.020	W ±0.508	Y +0.008 -0.000 (INCH)	Y +0.200 -0.000 (MM)	Z MAX	Z MAX
	(INCH)	(MM)	(INCH)	(MM)	(INCH)	(MM)
01	0.250	6.35	0.044	1.12	0.56	14.22
02	0.312	7.92	0.044	1.12	0.63	16.00
03	0.375	9.53	0.044	1.12	0.69	17.53
04	0.438	11.13	0.044	1.12	0.75	19.05
05	0.500	12.70	0.044	1.12	0.82	20.83
06	0.562	14.27	0.044	1.12	0.89	22.61
07	0.625	15.88	0.044	1.12	0.95	24.13
08	0.688	17.48	0.044	1.12	1.02	25.91
09	0.750	19.05	0.069	1.75	1.07	27.18
10	0.812	20.62	0.069	1.75	1.13	28.70
11	0.875	22.23	0.069	1.75	1.19	30.23
12	0.938	23.83	0.069	1.75	1.26	32.00
13	1.000	25.40	0.069	1.75	1.32	33.53
14	1.125	28.575	0.069	1.75	1.47	37.34
15	1.250	31.75	0.069	1.75	1.60	40.64
16	1.375	34.93	0.069	1.75	1.71	43.43
17	1.500	38.10	0.086	2.18	1.84	46.74
18	1.625	41.28	0.086	2.18	2.00	50.80
19	1.750	44.45	0.086	2.18	2.12	53.85
20	1.875	47.63	0.086	2.18	2.27	57.66
22	2.000	50.80	0.086	2.18	2.44	61.98
22	2.125	53.98	0.086	2.18	2.60	66.04
23	2.250	57.15	0.086	2.18	2.75	69.85
24	2.375	60.325	0.086	2.18	2.90	73.66
25	2.500	63.50	0.086	2.18	3.06	77.72