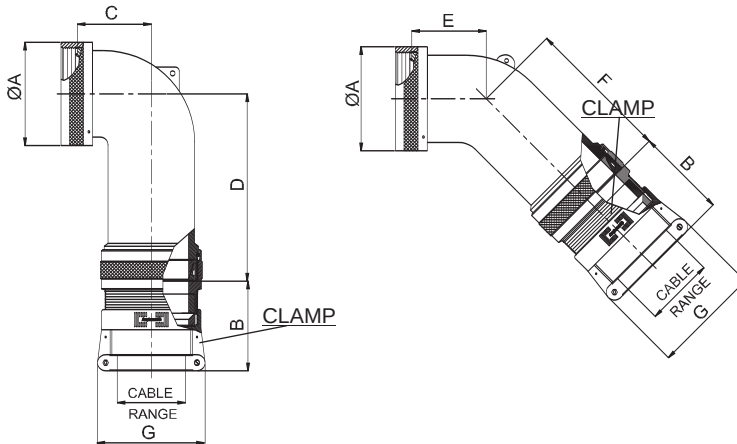


Connector Group - J

90°, 45°



MIL Part Number

M85049 / 8 -12 W

MIL Series

Slash sheet

8: 90deg, spin coupling
6: 45deg, spin coupling

Finish:
See Table-2

Dash Number:
See Table-B

NOTE: * For more cable entry options, contact factory

TABLE - B														
MIL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE	A DIA. (MAX)		B (REF)		C (MAX)		D (MAX)		E (MAX)		F (MAX)	
SHELL SIZE	DASH NO		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
08	3	8	0.62	15.67	1.54	39.22	0.67	17.02	1.26	32.00	0.63	16.00	1.25	31.75
10	4	10	0.73	18.64	1.54	39.22	0.76	19.30	1.98	50.29	0.69	17.53	1.92	48.77
	49*		0.73	18.64	1.54	39.22	1.52	38.61	2.00	50.80	1.50	38.10	1.98	50.29
	5		0.73	18.64	1.54	39.22	0.76	19.30	1.38	35.05	0.69	17.53	1.31	33.27
12	6	7/12	0.86	21.79	1.54	39.22	0.77	19.56	2.00	50.80	0.75	19.05	1.98	50.29
	71*		0.86	21.79	1.84	46.84	1.81	45.97	2.16	54.86	1.65	41.91	2.18	55.37
	7		0.86	21.79	1.54	39.22	0.77	19.56	2.00	50.80	0.75	19.05	1.98	50.29
	8		0.86	21.79	1.84	46.84	0.77	19.56	1.40	35.56	0.75	19.05	1.98	50.29
14	9	12/14	0.98	24.99	1.54	39.22	0.87	22.10	2.07	52.58	0.81	20.57	2.07	52.58
	10		0.98	24.99	1.84	46.84	0.87	22.10	1.72	43.69	0.81	20.57	1.72	43.69
	50*		0.98	24.99	1.92	48.67	1.89	48.01	2.33	59.18	1.84	46.74	2.37	60.20
	74		0.98	24.99	1.54	39.22	0.87	22.10	2.07	52.58	0.81	20.57	2.07	52.58
16	11	19/16	1.11	28.24	1.54	39.22	1.05	26.67	2.16	54.86	0.91	23.11	2.18	55.37
	12		1.11	28.24	1.92	48.67	1.05	26.67	1.81	45.97	0.91	23.11	1.82	46.23
	40		1.11	28.24	1.84	46.84	1.05	26.67	2.16	54.86	0.91	23.11	2.18	55.37
	51*		1.11	28.24	2.00	50.80	2.04	51.82	2.44	61.98	1.94	49.28	2.52	64.01
	75		1.11	28.24	1.54	39.22	1.05	26.67	2.16	54.86	0.91	23.11	2.18	55.37
18	13	27/18	1.22	30.94	1.84	46.84	1.14	28.96	2.33	59.18	1.09	27.69	2.37	60.20
	14		1.22	30.94	2.00	50.80	1.14	28.96	1.98	50.29	1.09	27.69	2.00	50.80
	41		1.22	30.94	1.54	39.22	1.14	28.96	2.33	59.18	1.09	27.69	2.37	60.20
	42		1.22	30.94	1.54	39.22	1.14	28.96	2.33	59.18	1.09	27.69	2.37	60.20
	52		1.22	30.94	1.92	48.67	1.14	28.96	2.33	59.18	1.09	27.69	2.37	60.20
	72*		1.22	30.94	2.00	50.80	2.05	52.07	2.44	61.98	1.94	49.28	2.52	64.01

Table Continued

Connector Group - J

90°, 45°

TABLE - B														
MIL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE	A DIA. (MAX)		B (REF)		C (MAX)		D (MAX)		E (MAX)		F (MAX)	
SHELL SIZE	DASH NO		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
20	15	37/20	1.35	34.16	1.84	46.84	1.14	28.96	2.33	59.18	1.09	27.69	2.37	60.20
			1.35	34.16	2.00	50.80	1.14	28.96	1.98	50.29	1.09	27.69	2.00	50.80
	43		1.35	34.16	1.54	39.22	1.14	28.96	2.33	59.18	1.09	27.69	2.37	60.20
			1.35	34.16	1.92	48.67	1.14	28.96	2.33	59.18	1.09	27.69	2.37	60.20
	55		1.35	34.16	2.23	56.64	2.14	54.36	2.61	66.29	2.06	52.32	2.57	65.28
22		22	1.47	37.29	1.92	48.72	1.29	32.77	2.44	61.98	1.19	30.23	2.52	64.01
	18		1.47	37.29	2.23	56.64	1.29	32.77	2.09	53.09	1.19	30.23	2.16	54.86
			1.47	37.29	1.54	39.22	1.29	32.77	2.44	61.98	1.19	30.23	2.52	64.01
	45		1.47	37.29	1.54	39.22	1.29	32.77	2.44	61.98	1.19	30.23	2.52	64.01
			1.47	37.29	1.84	46.84	1.29	32.77	2.44	61.98	1.19	30.23	2.52	64.01
	57		1.47	37.29	2.00	50.80	1.29	32.77	2.44	61.98	1.19	30.23	2.52	64.01
24		24	1.47	37.29	2.23	56.64	2.14	54.36	2.61	66.29	2.06	52.32	2.57	65.28
	19		1.59	40.46	1.92	48.67	1.29	32.77	2.44	61.98	1.19	30.23	2.52	64.01
			1.59	40.46	2.23	56.64	1.29	32.77	2.09	53.09	1.19	30.23	2.16	54.86
	46		1.59	40.46	1.84	46.84	1.29	32.77	2.44	61.98	1.19	30.23	2.52	64.01
	73*		1.59	40.46	2.00	50.80	1.29	32.77	2.44	61.98	1.19	30.23	2.52	64.01
28		28	1.59	40.46	2.23	56.64	2.15	54.61	2.61	66.29	2.06	52.32	2.57	65.28
			1.97	50.01	2.00	50.80	1.39	35.31	2.61	66.29	1.31	33.27	2.57	65.28
	22		1.97	50.01	2.02	51.41	1.39	35.31	2.26	57.40	1.31	33.27	2.22	56.39
			1.97	50.01	1.92	48.67	1.39	35.31	2.61	66.29	1.31	33.27	2.57	65.28
32		32	1.97	50.01	2.23	56.64	1.39	35.31	2.61	66.29	1.31	33.27	2.57	65.28
			2.22	56.36	2.00	50.80	1.74	44.20	2.86	72.64	1.38	35.05	2.67	67.82
	24		2.22	56.36	2.23	56.64	1.74	44.20	2.86	72.64	1.38	35.05	2.67	67.82
			2.22	56.36	2.55	64.77	1.74	44.20	2.51	63.75	1.38	35.05	2.32	58.93
36		36	2.22	56.36	2.02	51.41	1.74	44.20	2.86	72.64	1.38	35.05	2.67	67.82
			2.47	62.71	2.00	50.80	1.94	49.28	2.83	71.88	1.41	35.81	2.76	70.10
	27		2.47	62.71	2.02	51.41	1.94	49.28	2.83	71.88	1.41	35.81	2.76	70.10
			2.47	62.71	2.60	66.04	1.94	49.28	2.48	62.99	1.41	35.81	2.41	61.21
	47		2.47	62.71	1.92	48.67	1.94	49.28	2.83	71.88	1.41	35.81	2.76	70.10
			2.47	62.71	2.23	56.64	1.94	49.28	2.83	71.88	1.41	35.81	2.76	70.10
40		40	2.47	62.71	2.55	64.77	1.94	49.28	2.83	71.88	1.41	35.81	2.76	70.10
			2.72	69.06	2.00	50.80	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10
	30		2.72	69.06	2.02	51.41	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10
			2.72	69.06	2.60	66.04	2.69	68.33	2.48	62.99	2.16	54.86	2.41	61.21
	48		2.72	69.06	1.92	48.67	1.94	49.28	2.83	71.88	2.16	54.86	2.76	70.10
			2.72	69.06	2.23	56.64	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10
44		44	2.72	69.06	2.55	64.77	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10
			2.97	75.41	2.00	50.80	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10
	33		2.97	75.41	2.02	51.41	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10
			2.97	75.41	2.60	66.04	2.69	68.33	2.48	62.99	2.16	54.86	2.41	61.21
	67		2.97	75.41	2.23	56.64	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10
48		48	2.97	75.41	2.55	64.77	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10
	35		3.22	81.76	2.00	50.80	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10
			3.22	81.76	2.02	51.41	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10
	37		3.22	81.76	2.60	66.04	2.69	68.33	2.48	62.99	2.16	54.86	2.41	61.21
	70		3.22	81.76	2.23	56.64	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10
			3.22	81.76	2.55	64.77	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10

(*) ---- DENOTES STYLE 2

Table Continued

Connector Group - J

90°, 45°

TABLE - B								
MIL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE	G (MAX)		CABLE RANGE			
SHELL SIZE	DASH NO		INCH	MM	MIN		MAX	
					INCH	MM	INCH	MM
08	3	8	0.96	24.31	0.13	3.18	0.25	6.35
10	4	10	0.96	24.31	0.13	3.18	0.31	7.92
	49*		1.15	29.08	0.25	6.35	0.44	11.10
	5		1.15	29.08	0.25	6.35	0.38	9.53
12	6	7/12	0.96	24.31	0.13	3.18	0.31	7.92
	71*		1.33	33.83	0.35	8.89	0.63	15.88
	7		1.15	29.08	0.25	6.35	0.44	11.10
	8		1.33	33.83	0.35	8.89	0.50	12.70
14	9	12/14	1.15	29.08	0.25	6.35	0.44	11.10
	10		1.33	33.83	0.35	8.89	0.58	14.61
	50*		1.55	39.40	0.50	12.70	0.75	19.05
	74		0.96	24.31	0.13	3.18	0.31	7.92
16	11	19/16	1.15	29.08	0.25	6.35	0.44	11.10
	12		1.55	39.40	0.50	12.70	0.70	17.78
	40		1.33	33.83	0.35	8.89	0.63	15.88
	51*		1.77	44.96	0.63	15.88	0.94	23.80
	75		0.96	24.31	0.13	3.18	0.31	7.92
18	13	27/18	1.33	33.83	0.35	8.89	0.63	15.88
	14		1.77	44.96	0.63	15.88	0.78	19.79
	41		0.96	24.31	0.13	3.18	0.31	7.92
	42		1.15	29.08	0.25	6.35	0.44	11.10
	52		1.55	39.40	0.50	12.70	0.75	19.05
	72*		1.77	44.96	0.63	15.88	0.94	23.80
20	15	37/20	1.33	33.83	0.35	8.89	0.63	15.88
	16		1.77	44.96	0.63	15.88	0.90	22.96
	43		1.15	29.08	0.25	6.35	0.44	11.10
	54		1.55	39.40	0.50	12.70	0.75	19.05
	55		2.11	53.67	0.88	22.23	1.25	31.75
22	17	22	1.55	39.40	0.50	12.70	0.75	19.05
	18		2.11	53.67	0.88	22.23	1.03	26.14
	44		0.96	24.31	0.13	3.18	0.31	7.92
	45		1.15	29.08	0.25	6.35	0.44	11.10
	56		1.33	33.83	0.35	8.89	0.63	15.88
	57		1.77	44.96	0.63	15.88	0.94	23.80
	58*		2.11	53.67	0.88	22.23	1.25	31.75
24	19	24	1.55	39.40	0.50	12.70	0.75	19.05
	20		2.11	53.67	0.88	22.23	1.14	29.06
	46		1.33	33.83	0.35	8.89	0.63	15.88
	59		1.77	44.96	0.63	15.88	0.94	23.80
	73*		2.12	53.75	0.88	22.23	1.25	31.75
28	21	28	1.77	44.96	0.63	15.88	0.94	23.80
	22		2.36	60.02	1.00	25.40	1.38	34.93
	60		1.55	39.40	0.50	12.70	0.75	19.05
	61		2.11	53.67	0.88	22.23	1.25	31.75
32	23	32	1.77	44.96	0.63	15.88	0.94	23.80
	24		2.11	53.67	0.88	22.23	1.25	31.75
	25		2.77	70.36	1.25	31.75	1.63	41.28
	62		2.36	60.02	1.00	25.40	1.38	34.93

Table Continued

Connector Group - J

90°, 45°

TABLE - B								
MIL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE	G (MAX)		CABLE RANGE			
SHELL SIZE	DASH NO		INCH	MM	MIN		MAX	
					INCH	MM	INCH	MM
36	26	36	1.77	44.96	0.63	15.88	0.94	23.80
	27		2.36	60.02	1.00	25.40	1.38	34.93
	28		3.02	76.71	1.44	36.50	1.84	46.74
	47		1.55	39.40	0.50	12.70	0.75	19.05
	63		2.11	53.67	0.88	22.23	1.25	31.75
	64		2.77	70.36	1.25	31.75	1.63	41.28
40	29	40	1.77	44.96	0.63	15.88	0.94	23.80
	30		2.36	60.02	1.00	25.40	1.38	34.93
	31		3.02	76.71	1.44	36.50	1.88	47.63
	48		1.55	39.40	0.50	12.70	0.75	19.05
	65		2.11	53.67	0.88	22.23	1.25	31.75
	66		2.77	70.36	1.25	31.75	1.63	41.28
44	32	44	1.77	44.96	0.63	15.88	0.94	23.80
	33		2.36	60.02	1.00	25.40	1.38	34.93
	34		3.02	76.71	1.44	36.50	1.88	47.63
	67		2.11	53.67	0.88	22.23	1.25	31.75
	68		2.77	70.36	1.25	31.75	1.63	41.28
48	35	48	1.77	44.96	0.63	15.88	0.94	23.80
	36		2.36	60.02	1.00	25.40	1.38	34.93
	37		3.02	76.71	1.44	36.50	1.88	47.63
	69		2.11	53.67	0.88	22.23	1.25	31.75
	70		2.77	70.36	1.25	31.75	1.63	41.28

(*) ---- DENOTES STYLE 2