

NON-ENVIRONMENTAL EMI / RFI BACKSHELL



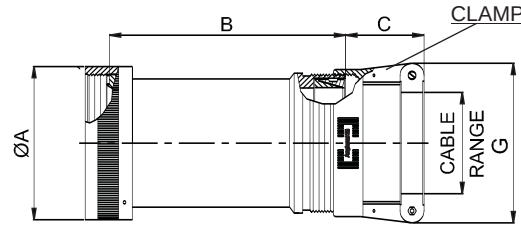
360-degree screen termination facility is offered in this Backshell in addition to other features of the Non-Environmental type. Available in straight, 90 degree bent and 45 degree bent varieties, it accommodates both individual and overall shielding.

For Connector Group		Page No.
J	→	III-1 - III-7
K	→	III-8 - III-10
L	→	III-11 - III-13

Note: For Connector group Identification refer Table 1 - A, B, C, D (Page 7-11)
and for Material / Plating Finish, Refer Table-2 (Page 12)

Connector Group - J

Straight



MIL Part Number
M85049 / 25-102 W

MIL Series ————
Slash sheet ————
25: Straight, spin coupling

Finish:
See Table-2

Dash Number:
See Table-A

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

TABLE - A														
MIL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE	A DIA. (MAX)		B (MAX)		C (REF)		G (MAX)		CABLE RANGE			
SHELL SIZE	DASH NO		INCH	MM	INCH	MM	INCH	MM	INCH	MM	MIN		MAX	
											INCH	MM	INCH	MM
08	05	8	0.62	15.67	2.13	54.10	1.03	26.09	0.96	24.31	0.13	3.18	0.25	6.35
	06		0.62	15.67	3.13	79.50	1.03	26.09	0.96	24.31	0.13	3.18	0.25	6.35
	07*		0.62	15.67	2.88	73.15	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10
	08*		0.62	15.67	3.88	98.55	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10
10	09	10	0.73	18.64	2.13	54.10	1.03	26.09	0.96	24.31	0.13	3.18	0.31	7.92
	10		0.73	18.64	3.13	79.50	1.03	26.09	0.96	24.31	0.13	3.18	0.31	7.92
	11*		0.73	18.64	2.88	73.15	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10
	12*		0.73	18.64	3.88	98.55	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10
	136		0.73	18.64	2.13	54.10	1.03	26.09	1.15	29.08	0.25	6.35	0.38	9.53
	137		0.73	18.64	3.13	79.50	1.03	26.09	1.15	29.08	0.25	6.35	0.38	9.53
12	13	7/12	0.86	21.79	2.13	54.10	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10
	14		0.86	21.79	3.13	79.50	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10
	15*		0.86	21.79	2.88	73.15	1.03	26.09	1.33	33.83	0.35	8.89	0.63	15.88
	16*		0.86	21.79	3.88	98.55	1.03	26.09	1.33	33.83	0.35	8.89	0.63	15.88
	111		0.86	21.79	2.13	54.10	1.03	26.09	1.33	33.83	0.35	8.89	0.50	12.70
	114		0.86	21.79	2.13	54.10	1.03	26.09	0.96	24.31	0.13	3.18	0.31	7.92
	115		0.86	21.79	3.13	79.50	1.03	26.09	0.96	24.31	0.13	3.18	0.31	7.92
	138		0.86	21.79	2.13	54.10	1.03	26.09	1.33	33.83	0.35	8.89	0.50	12.70
	139		0.86	21.79	3.13	79.50	1.03	26.09	1.33	33.83	0.35	8.89	0.50	12.70
14	17	12/14	0.98	24.99	2.13	54.10	1.03	26.09	1.33	33.83	0.35	8.89	0.58	14.61
	18		0.98	24.99	3.13	79.50	1.03	26.09	1.33	33.83	0.35	8.89	0.58	14.61
	19*		0.98	24.99	2.88	73.15	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05
	20*		0.98	24.99	3.88	98.55	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05
	116		0.98	24.99	2.13	54.10	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10
	117		0.98	24.99	3.13	79.50	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10
	150		0.98	24.99	2.13	54.10	1.03	26.09	0.96	24.31	0.13	3.18	0.31	7.92
	151		0.98	24.99	3.13	79.50	1.03	26.09	0.96	24.31	0.13	3.18	0.31	7.92

Table Continued

Connector Group - J

Straight

TABLE - A														
MIL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE	A DIA. (MAX)		B (MAX)		C (REF)		G (MAX)		CABLE RANGE			
SHELL SIZE	DASH NO		INCH	MM	INCH	MM	INCH	MM	INCH	MM	MIN		MAX	
											INCH	MM	INCH	MM
16	21	19/16	1.11	28.24	2.13	54.10	1.06	26.90	1.55	39.40	0.50	12.70	0.70	17.78
	22		1.11	28.24	3.13	79.50	1.06	26.90	1.55	39.40	0.50	12.70	0.70	17.78
	23*		1.11	28.24	2.88	73.15	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80
	24*		1.11	28.24	3.88	98.55	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80
	112		1.11	28.24	2.13	54.10	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10
	113		1.11	28.24	3.13	79.50	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10
	118		1.11	28.24	2.13	54.10	1.03	26.09	1.33	33.83	0.35	8.89	0.63	15.88
	119		1.11	28.24	3.13	79.50	1.03	26.09	1.33	33.83	0.35	8.89	0.63	15.88
	152		1.11	28.24	2.13	54.10	1.03	26.09	0.96	24.31	0.13	3.18	0.31	7.92
	153		1.11	28.24	3.13	79.50	1.03	26.09	0.96	24.31	0.13	3.18	0.31	7.92
18	25	27/18	1.22	30.94	2.13	54.10	1.03	26.09	1.33	33.83	0.35	8.89	0.63	15.88
	26		1.22	30.94	3.13	79.50	1.03	26.09	1.33	33.83	0.35	8.89	0.63	15.88
	27		1.22	30.94	2.13	54.10	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05
	28		1.22	30.94	3.13	79.50	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05
	29*		1.22	30.94	2.88	73.15	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80
	30*		1.22	30.94	3.88	98.55	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80
	120		1.22	30.94	2.13	54.10	1.03	26.09	0.96	24.31	0.13	3.18	0.31	7.92
	121		1.22	30.94	3.13	79.50	1.03	26.09	0.96	24.31	0.13	3.18	0.31	7.92
	122		1.22	30.94	2.13	54.10	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10
	123		1.22	30.94	3.13	79.50	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10
20	31	37/20	1.35	34.16	3.13	79.50	1.03	26.09	1.33	33.83	0.35	8.89	0.63	15.88
	32		1.35	34.16	4.13	104.90	1.03	26.09	1.33	33.83	0.35	8.89	0.63	15.88
	33		1.35	34.16	3.13	79.50	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05
	34		1.35	34.16	4.13	104.90	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05
	35*		1.35	34.16	3.88	98.55	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80
	36*		1.35	34.16	4.88	123.95	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80
	37*		1.35	34.16	3.88	98.55	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75
	38*		1.35	34.16	4.88	123.95	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75
	124		1.35	34.16	3.13	79.50	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10
	125		1.35	34.16	4.13	104.90	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10
	140		1.35	34.16	3.13	79.50	1.16	29.36	1.77	44.96	0.63	15.88	0.90	22.96
	141		1.35	34.16	4.13	104.90	1.16	29.36	1.77	44.96	0.63	15.88	0.90	22.96
22	39	22	1.47	37.29	3.13	79.50	1.03	26.09	1.33	33.83	0.35	8.89	0.63	15.88
	40		1.47	37.29	4.13	104.90	1.03	26.09	1.33	33.83	0.35	8.89	0.63	15.88
	41		1.47	37.29	3.13	79.50	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05
	42		1.47	37.29	4.13	104.90	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05
	43		1.47	37.29	3.13	79.50	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80
	44		1.47	37.29	4.13	104.90	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80
	45*		1.47	37.29	3.88	98.55	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75
	46*		1.47	37.29	4.88	123.95	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75
	126		1.47	37.29	3.13	79.50	1.03	26.09	0.96	24.31	0.13	3.18	0.31	7.92
	127		1.47	37.29	4.13	104.90	1.03	26.09	0.96	24.31	0.13	3.18	0.31	7.92
	128		1.47	37.29	3.13	79.50	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10
	129		1.47	37.29	4.13	104.90	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10
	142		1.47	37.29	3.13	79.50	1.38	34.93	2.11	53.67	0.88	22.23	1.03	26.14
	143		1.47	37.29	4.13	104.90	1.38	34.93	2.11	53.67	0.88	22.23	1.03	26.14
24	47	24	1.59	40.46	3.13	79.50	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05
	48		1.59	40.46	4.13	104.90	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05
	49		1.59	40.46	3.13	79.50	1.16	29.36	1.77	44.96	0.63	15.88	0.81	20.62
	50		1.59	40.46	4.13	104.90	1.16	29.36	1.77	44.96	0.63	15.88	0.81	20.62
	51		1.59	40.46	3.13	79.50	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80
	52		1.59	40.46	4.13	104.90	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80
	53*		1.59	40.46	3.88	98.55	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75
	54*		1.59	40.46	4.88	123.95	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75
	130		1.59	40.46	3.13	79.50	1.03	26.09	1.33	33.83	0.35	8.89	0.63	15.88
	131		1.59	40.46	4.13	104.90	1.03	26.09	1.33	33.83	0.35	8.89	0.63	15.88
	144		1.59	40.46	3.13	79.50	1.38	34.93	2.11	53.67	0.88	22.23	1.14	29.06
	145		1.59	40.46	4.13	104.90	1.38	34.93	2.11	53.67	0.88	22.23	1.14	29.06

Table Continued

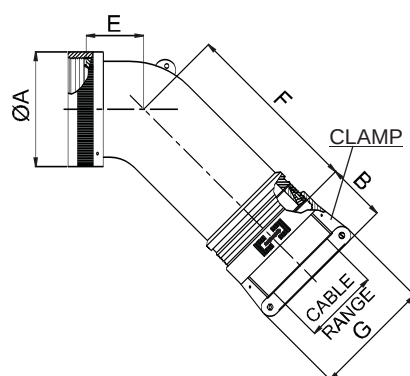
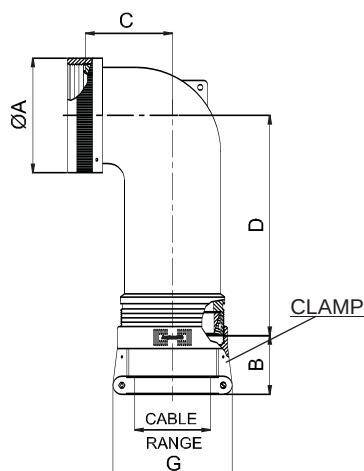
Connector Group - J

Straight

TABLE - A														
MIL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE	A DIA. (MAX)		B (MAX)		C (REF)		G (MAX)		CABLE RANGE			
SHELL SIZE	DASH NO		INCH	MM	INCH	MM	INCH	MM	INCH	MM	MIN		MAX	
											INCH	MM	INCH	MM
28	55	28	1.97	50.01	3.13	79.50	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05
	56		1.97	50.01	4.13	104.90	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05
	57		1.97	50.01	3.13	79.50	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80
	58		1.97	50.01	4.13	104.90	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80
	59		1.97	50.01	3.13	79.50	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75
	60		1.97	50.01	4.13	104.90	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75
	61		1.97	50.01	3.13	79.50	1.50	38.10	23.63	600.20	1.00	25.40	1.38	34.93
	62		1.97	50.01	4.13	104.90	1.50	38.10	2.36	60.02	1.00	25.40	1.38	34.93
32	63	32	2.22	56.36	3.13	79.50	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80
	64		2.22	56.36	4.13	104.90	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80
	65		2.22	56.36	3.13	79.50	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75
	66		2.22	56.36	4.13	104.90	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75
	67		2.22	56.36	3.13	79.50	1.50	38.10	2.36	60.02	1.00	25.40	1.38	34.93
	68		2.22	56.36	4.13	104.90	1.50	38.10	2.36	60.02	1.00	25.40	1.38	34.93
	69		2.22	56.36	3.13	79.50	1.78	45.24	2.77	70.36	1.25	31.75	1.63	41.28
	70		2.22	56.36	4.13	104.90	1.78	45.24	2.77	70.36	1.25	31.75	1.63	41.28
36	71	36	2.47	62.71	4.13	104.90	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75
	72		2.47	62.71	5.13	130.30	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75
	73		2.47	62.71	4.13	104.90	1.50	38.10	2.36	60.02	1.00	25.40	1.38	34.93
	74		2.47	62.71	5.13	130.30	1.50	38.10	2.36	60.02	1.00	25.40	1.38	34.93
	75		2.47	62.71	4.13	104.90	1.78	45.24	2.77	70.36	1.25	31.75	1.63	41.28
	76		2.47	62.71	5.13	130.30	1.78	45.24	2.77	70.36	1.25	31.75	1.63	41.28
	77*		2.47	62.71	5.01	127.25	1.83	46.48	3.02	76.71	1.44	36.50	1.88	47.63
	78*		2.47	62.71	6.01	152.65	1.83	46.48	3.02	76.71	1.44	36.50	1.88	47.63
	132		2.47	62.71	4.13	104.90	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05
	133		2.47	62.71	5.13	130.30	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05
	146		2.47	62.71	4.13	104.90	1.83	46.48	3.02	76.71	1.44	36.50	1.84	46.74
	147		2.47	62.71	5.13	130.30	1.83	46.48	3.02	76.71	1.44	36.50	1.84	46.74
	148		2.47	62.71	4.13	104.90	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80
	149		2.47	62.71	5.13	130.30	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80
40	79	40	2.72	69.06	4.13	104.90	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75
	80		2.72	69.06	5.13	130.30	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75
	81		2.72	69.06	4.13	104.90	1.50	38.10	2.36	60.02	1.00	25.40	1.38	34.93
	82		2.72	69.06	5.13	130.30	1.50	38.10	2.36	60.02	1.00	25.40	1.38	34.93
	83		2.72	69.06	4.13	104.90	1.78	45.24	2.77	70.36	1.25	31.75	1.63	41.28
	84		2.72	69.06	5.13	130.30	1.78	45.24	2.77	70.36	1.25	31.75	1.63	41.28
	85		2.72	69.06	4.13	104.90	1.83	46.48	3.02	76.71	1.44	36.50	1.88	47.63
	86		2.72	69.06	5.13	130.30	1.83	46.48	3.02	76.71	1.44	36.50	1.88	47.63
	134		2.72	69.06	4.13	104.90	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05
	135		2.72	69.06	5.13	130.30	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05
	156		2.72	69.06	4.13	104.90	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80
	157		2.72	69.06	5.13	130.30	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80
44	87	44	2.97	75.41	4.13	104.90	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75
	88		2.97	75.41	5.13	130.30	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75
	89		2.97	75.41	4.13	104.90	1.50	38.10	2.36	60.02	1.00	25.40	1.38	34.93
	90		2.97	75.41	5.13	130.30	1.50	38.10	2.36	60.02	1.00	25.40	1.38	34.93
	91		2.97	75.41	4.13	104.90	1.78	45.24	2.77	70.36	1.25	31.75	1.63	41.28
	92		2.97	75.41	5.13	130.30	1.78	45.24	2.77	70.36	1.25	31.75	1.63	41.28
	93		2.97	75.41	4.13	104.90	1.83	46.48	3.02	76.71	1.44	36.50	1.88	47.63
	94		2.97	75.41	5.13	130.30	1.83	46.48	3.02	76.71	1.44	36.50	1.88	47.63
	154		2.97	75.41	4.13	104.90	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80
	155		2.97	75.41	5.13	130.30	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80
48	95	48	3.22	81.76	4.13	104.90	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75
	96		3.22	81.76	5.13	130.30	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75
	97		3.22	81.76	4.13	104.90	1.50	38.10	2.36	60.02	1.00	25.40	1.38	34.93
	98		3.22	81.76	5.13	130.30	1.50	38.10	2.36	60.02	1.00	25.40	1.38	34.93
	99		3.22	81.76	4.13	104.90	1.78	45.24	2.77	70.36	1.25	31.75	1.63	41.28
	100		3.22	81.76	5.13	130.30	1.78	45.24	2.77	70.36	1.25	31.75	1.63	41.28
	101		3.22	81.76	4.13	104.90	1.83	46.48	3.02	76.71	1.44	36.50	1.88	47.63
	102		3.22	81.76	5.13	130.30	1.83	46.48	3.02	76.71	1.44	36.50	1.88	47.63

Connector Group - J

90°, 45°



MIL Part Number

M85049 / 24-10 W

MIL Series

Slash sheet

24: 90deg, spin coupling

23: 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)	
SHELL SIZE	DASH NO		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
08	3	8	0.62	15.67	1.03	26.09	0.67	17.02	1.26	32.00	0.63	16.00
10	4	10	0.73	18.64	1.03	26.09	0.76	19.30	1.98	50.29	0.69	17.53
	49*		0.73	18.64	1.03	26.09	1.52	38.61	2.00	50.80	1.50	38.10
	5		0.73	18.64	1.03	26.09	0.76	19.30	1.38	35.05	0.69	17.53
12	6	7/12	0.86	21.79	1.03	26.09	0.77	19.56	2.00	50.80	0.75	19.05
	71*		0.86	21.79	1.03	26.09	1.81	45.97	2.16	54.86	1.65	41.91
	7		0.86	21.79	1.03	26.09	0.77	19.56	2.00	50.80	0.75	19.05
	8		0.86	21.79	1.03	26.09	0.77	19.56	1.40	35.56	0.75	19.05
14	9	12/14	0.98	24.99	1.03	26.09	0.87	22.10	2.07	52.58	0.81	20.57
	10		0.98	24.99	1.03	26.09	0.87	22.10	1.72	43.69	0.81	20.57
	50*		0.98	24.99	1.06	26.90	1.89	48.01	2.33	59.18	1.84	46.74
	74		0.98	24.99	1.03	26.09	0.87	22.10	2.07	52.58	0.81	20.57
16	11	19/16	1.11	28.24	1.03	26.09	1.05	26.67	2.16	54.86	0.91	23.11
	12		1.11	28.24	1.06	26.90	1.05	26.67	1.81	45.97	0.91	23.11
	40		1.11	28.24	1.03	26.09	1.05	26.67	2.16	54.86	0.91	23.11
	51*		1.11	28.24	1.16	29.36	2.04	51.82	2.44	61.98	1.94	49.28
	75		1.11	28.24	1.03	26.09	1.05	26.67	2.16	54.86	0.91	23.11

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)	
SHELL SIZE	DASH NO		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
18	13	27/18	1.22	30.94	1.03	26.09	1.14	28.96	2.33	59.18	1.09	27.69
	14		1.22	30.94	1.16	29.36	1.14	28.96	1.98	50.29	1.09	27.69
	41		1.22	30.94	1.03	26.09	1.14	28.96	2.33	59.18	1.09	27.69
	42		1.22	30.94	1.03	26.09	1.14	28.96	2.33	59.18	1.09	27.69
	52		1.22	30.94	1.06	26.90	1.14	28.96	2.33	59.18	1.09	27.69
	72*		1.22	30.94	1.16	29.36	2.05	52.07	2.44	61.98	1.94	49.28
20	15	37/20	1.35	34.16	1.03	26.09	1.14	28.96	2.33	59.18	1.09	27.69
	16		1.35	34.16	1.16	29.36	1.14	28.96	1.98	50.29	1.09	27.69
	43		1.35	34.16	1.03	26.09	1.14	28.96	2.33	59.18	1.09	27.69
	54		1.35	34.16	1.06	26.90	1.14	28.96	2.33	59.18	1.09	27.69
	55		1.35	34.16	1.38	34.93	2.14	54.36	2.61	66.29	2.06	52.32
22	17	22	1.47	37.29	1.06	26.90	1.29	32.77	2.44	61.98	1.19	30.23
	18		1.47	37.29	1.38	34.93	1.29	32.77	2.09	53.09	1.19	30.23
	44		1.47	37.29	1.03	26.09	1.29	32.77	2.44	61.98	1.19	30.23
	45		1.47	37.29	1.03	26.09	1.29	32.77	2.44	61.98	1.19	30.23
	56		1.47	37.29	1.03	26.09	1.29	32.77	2.44	61.98	1.19	30.23
	57		1.47	37.29	1.16	29.36	1.29	32.77	2.44	61.98	1.19	30.23
24	58*	24	1.47	37.29	1.38	34.93	2.14	54.36	2.61	66.29	2.06	52.32
	19		1.59	40.46	1.06	26.90	1.29	32.77	2.44	61.98	1.19	30.23
	20		1.59	40.46	1.38	34.93	1.29	32.77	2.09	53.09	1.19	30.23
	46		1.59	40.46	1.03	26.09	1.29	32.77	2.44	61.98	1.19	30.23
	59		1.59	40.46	1.16	29.36	1.29	32.77	2.44	61.98	1.19	30.23
28	73*	28	1.59	40.46	1.38	34.93	2.15	54.61	2.61	66.29	2.06	52.32
	21		1.97	50.01	1.16	29.36	1.39	35.31	2.61	66.29	1.31	33.27
	22		1.97	50.01	1.50	38.10	1.39	35.31	2.26	57.40	1.31	33.27
	60		1.97	50.01	1.06	26.90	1.39	35.31	2.61	66.29	1.31	33.27
	61		1.97	50.01	1.38	34.93	1.39	35.31	2.61	66.29	1.31	33.27
32	23	32	2.22	56.36	1.16	29.36	1.74	44.20	2.86	72.64	1.38	35.05
	24		2.22	56.36	1.38	34.93	1.74	44.20	2.86	72.64	1.38	35.05
	25		2.22	56.36	1.78	45.24	1.74	44.20	2.51	63.75	1.38	35.05
	62		2.22	56.36	1.50	38.10	1.74	44.20	2.86	72.64	1.38	35.05
36	26	36	2.47	62.71	1.16	29.36	1.94	49.28	2.83	71.88	1.41	35.81
	27		2.47	62.71	1.50	38.10	1.94	49.28	2.83	71.88	1.41	35.81
	28		2.47	62.71	1.83	46.48	1.94	49.28	2.48	62.99	1.41	35.81
	47		2.47	62.71	1.06	26.90	1.94	49.28	2.83	71.88	1.41	35.81
	63		2.47	62.71	1.38	34.93	1.94	49.28	2.83	71.88	1.41	35.81
40	64	40	2.47	62.71	1.78	45.24	1.94	49.28	2.83	71.88	1.41	35.81
	29		2.72	69.06	1.16	29.36	2.69	68.33	2.83	71.88	2.16	54.86
	30		2.72	69.06	1.50	38.10	2.69	68.33	2.83	71.88	2.16	54.86
	31		2.72	69.06	1.83	46.48	2.69	68.33	2.48	62.99	2.16	54.86
	48		2.72	69.06	1.06	26.90	1.94	49.28	2.83	71.88	2.16	54.86
44	65	44	2.72	69.06	1.38	34.93	2.69	68.33	2.83	71.88	2.16	54.86
	66		2.72	69.06	1.78	45.24	2.69	68.33	2.83	71.88	2.16	54.86
	32		2.97	75.41	1.16	29.36	2.69	68.33	2.83	71.88	2.16	54.86
	33		2.97	75.41	1.50	38.10	2.69	68.33	2.83	71.88	2.16	54.86
	34		2.97	75.41	1.83	46.48	2.69	68.33	2.48	62.99	2.16	54.86
48	67	48	2.97	75.41	1.38	34.93	2.69	68.33	2.83	71.88	2.16	54.86
	68		2.97	75.41	1.78	45.24	2.69	68.33	2.83	71.88	2.16	54.86
	35		3.22	81.76	1.16	29.36	2.69	68.33	2.83	71.88	2.16	54.86
	36		3.22	81.76	1.50	38.10	2.69	68.33	2.83	71.88	2.16	54.86
	37		3.22	81.76	1.83	46.48	2.69	68.33	2.48	62.99	2.16	54.86
48	69	48	3.22	81.76	1.38	34.93	2.69	68.33	2.83	71.88	2.16	54.86
	70		3.22	81.76	1.78	45.24	2.69	68.33	2.83	71.88	2.16	54.86

Table Continued

Connector Group - J

90°, 45°

TABLE - B										
MIL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE	F (MAX)		G (MAX)		CABLE RANGE			
SHELL SIZE	DASH NO		INCH	MM	INCH	MM	MIN		MAX	
							INCH	MM	INCH	MM
08	3	8	1.25	31.75	0.96	24.31	0.13	3.18	0.25	6.35
10	4	10	1.92	48.77	0.96	24.31	0.13	3.18	0.31	7.92
	49*		1.98	50.29	1.15	29.08	0.25	6.35	0.44	11.10
	5		1.31	33.27	1.15	29.08	0.25	6.35	0.38	9.53
12	6	7/12	1.98	50.29	0.96	24.31	0.13	3.18	0.31	7.92
	71*		2.18	55.37	1.33	33.83	0.35	8.89	0.63	15.88
	7		1.98	50.29	1.15	29.08	0.25	6.35	0.44	11.10
	8		1.98	50.29	1.33	33.83	0.35	8.89	0.50	12.70
14	9	12/14	2.07	52.58	1.15	29.08	0.25	6.35	0.44	11.10
	10		1.72	43.69	1.33	33.83	0.35	8.89	0.58	14.61
	50*		2.37	60.20	1.55	39.40	0.50	12.70	0.75	19.05
	74		2.07	52.58	0.96	24.31	0.13	3.18	0.31	7.92
16	11	19/16	2.18	55.37	1.15	29.08	0.25	6.35	0.44	11.10
	12		1.82	46.23	1.55	39.40	0.50	12.70	0.70	17.78
	40		2.18	55.37	1.33	33.83	0.35	8.89	0.63	15.88
	51*		2.52	64.01	1.77	44.96	0.63	15.88	0.94	23.80
	75		2.18	55.37	0.96	24.31	0.13	3.18	0.31	7.92
18	13	27/18	2.37	60.20	1.33	33.83	0.35	8.89	0.63	15.88
	14		2.00	50.80	1.77	44.96	0.63	15.88	0.78	19.79
	41		2.37	60.20	0.96	24.31	0.13	3.18	0.31	7.92
	42		2.37	60.20	1.15	29.08	0.25	6.35	0.44	11.10
	52		2.37	60.20	1.55	39.40	0.50	12.70	0.75	19.05
	72*		2.52	64.01	1.77	44.96	0.63	15.88	0.94	23.80
20	15	37/20	2.37	60.20	1.33	33.83	0.35	8.89	0.63	15.88
	16		2.00	50.80	1.77	44.96	0.63	15.88	0.90	22.96
	43		2.37	60.20	1.15	29.08	0.25	6.35	0.44	11.10
	54		2.37	60.20	1.55	39.40	0.50	12.70	0.75	19.05
	55		2.57	65.28	2.11	53.67	0.88	22.23	1.25	31.75
22	17	22	2.52	64.01	1.55	39.40	0.50	12.70	0.75	19.05
	18		2.16	54.86	2.11	53.67	0.88	22.23	1.03	26.14
	44		2.52	64.01	0.96	24.31	0.13	3.18	0.31	7.92
	45		2.52	64.01	1.15	29.08	0.25	6.35	0.44	11.10
	56		2.52	64.01	1.33	33.83	0.35	8.89	0.63	15.88
	57		2.52	64.01	1.77	44.96	0.63	15.88	0.94	23.80
	58*		2.57	65.28	2.11	53.67	0.88	22.23	1.25	31.75
24	19	24	2.52	64.01	1.55	39.40	0.50	12.70	0.75	19.05
	20		2.16	54.86	2.11	53.67	0.88	22.23	1.14	29.06
	46		2.52	64.01	1.33	33.83	0.35	8.89	0.63	15.88
	59		2.52	64.01	1.77	44.96	0.63	15.88	0.94	23.80
	73*		2.57	65.28	2.12	53.75	0.88	22.23	1.25	31.75
28	21	28	2.57	65.28	1.77	44.96	0.63	15.88	0.94	23.80
	22		2.22	56.39	2.36	60.02	1.00	25.40	1.38	34.93
	60		2.57	65.28	1.55	39.40	0.50	12.70	0.75	19.05
	61		2.57	65.28	2.11	53.67	0.88	22.23	1.25	31.75
32	23	32	2.67	67.82	1.77	44.96	0.63	15.88	0.94	23.80
	24		2.67	67.82	2.11	53.67	0.88	22.23	1.25	31.75
	25		2.32	58.93	2.77	70.36	1.25	31.75	1.63	41.28
	62		2.67	67.82	2.36	60.02	1.00	25.40	1.38	34.93

Table Continued

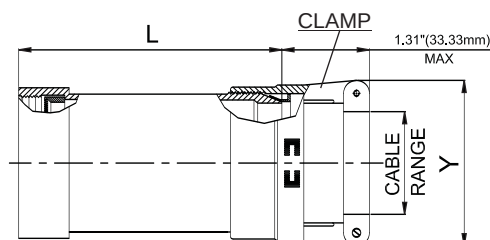
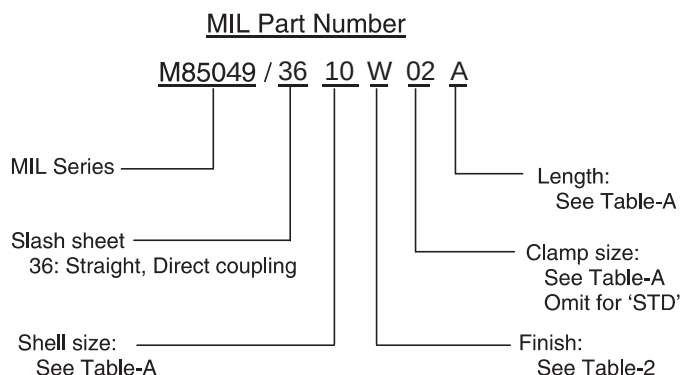
Connector Group - J

90°, 45°

TABLE - B										
MIL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE	F (MAX)		G (MAX)		CABLE RANGE			
SHELL SIZE	DASH NO		INCH	MM	INCH	MM	MIN		MAX	
							INCH	MM	INCH	MM
32	23	32	2.67	67.82	1.77	44.96	0.63	15.88	0.94	23.80
	24		2.67	67.82	2.11	53.67	0.88	22.23	1.25	31.75
	25		2.32	58.93	2.77	70.36	1.25	31.75	1.63	41.28
	62		2.67	67.82	2.36	60.02	1.00	25.40	1.38	34.93
36	26	36	2.76	70.10	1.77	44.96	0.63	15.88	0.94	23.80
	27		2.76	70.10	2.36	60.02	1.00	25.40	1.38	34.93
	28		2.41	61.21	3.02	76.71	1.44	36.50	1.84	46.74
	47		2.76	70.10	1.55	39.40	0.50	12.70	0.75	19.05
	63		2.76	70.10	2.11	53.67	0.88	22.23	1.25	31.75
	64		2.76	70.10	2.77	70.36	1.25	31.75	1.63	41.28
40	29	40	2.76	70.10	1.77	44.96	0.63	15.88	0.94	23.80
	30		2.76	70.10	2.36	60.02	1.00	25.40	1.38	34.93
	31		2.41	61.21	3.02	76.71	1.44	36.50	1.88	47.63
	48		2.76	70.10	1.55	39.40	0.50	12.70	0.75	19.05
	65		2.76	70.10	2.11	53.67	0.88	22.23	1.25	31.75
	66		2.76	70.10	2.77	70.36	1.25	31.75	1.63	41.28
44	32	44	2.76	70.10	1.77	44.96	0.63	15.88	0.94	23.80
	33		2.76	70.10	2.36	60.02	1.00	25.40	1.38	34.93
	34		2.41	61.21	3.02	76.71	1.44	36.50	1.88	47.63
	67		2.76	70.10	2.11	53.67	0.88	22.23	1.25	31.75
	68		2.76	70.10	2.77	70.36	1.25	31.75	1.63	41.28
48	35	48	2.76	70.10	1.77	44.96	0.63	15.88	0.94	23.80
	36		2.76	70.10	2.36	60.02	1.00	25.40	1.38	34.93
	37		2.41	61.21	3.02	76.71	1.44	36.50	1.88	47.63
	69		2.76	70.10	2.11	53.67	0.88	22.23	1.25	31.75
	70		2.76	70.10	2.77	70.36	1.25	31.75	1.63	41.28

Connector Group - K

Straight



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

TABLE - A											
MIL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE SE – II / I	CABLE RANGE				L (MAX)		Y (MAX)	
ACCESSORY SHELL SIZE	CLAMP SIZE	LENGTH		MIN		MAX		INCH	MM	INCH	MM
				INCH	MM	INCH	MM				
08	01	STD.	8 / 9	0.06	1.57	0.13	3.18	1.53	38.86	0.78	19.8
		A						2.53	64.26		
	02	STD.		0.13	3.18	0.25	6.35	1.53	38.86	0.97	24.6
		A						2.53	64.26		
10	01	STD.	10 / 11	0.06	1.57	0.13	3.18	1.53	38.86	0.78	19.8
		A						2.53	64.26		
	02	STD.		0.13	3.18	0.25	6.35	1.53	38.86	0.97	24.6
		A						2.53	64.26		
	03	STD.		0.25	6.35	0.38	9.53	1.53	38.86	1.06	26.9
		A						2.53	64.26		
12	02	STD.	12 / 13	0.13	3.18	0.25	6.35	1.53	38.86	0.97	24.6
		A						2.53	64.26		
	03	STD.		0.25	6.35	0.38	9.53	1.53	38.86	1.06	26.9
		A						2.53	64.26		
	04	STD.		0.31	7.92	0.50	12.70	1.53	38.86	1.16	29.4
		A						2.53	64.26		
14	02	STD.	14 / 15	0.13	3.18	0.25	6.35	1.53	38.86	0.97	24.6
		A						2.53	64.26		
		B						3.53	89.66		
	03	STD.		0.25	6.35	0.38	9.53	1.53	38.86	1.06	26.9
		A						2.53	64.26		
		B						3.53	89.66		
	04	STD.		0.31	7.92	0.50	12.70	1.53	38.86	1.16	29.4
		A						2.53	64.26		
		B						3.53	89.66		
	05	STD.		0.44	11.10	0.63	15.88	1.53	38.86	1.25	31.7
		A						2.53	64.26		
		B						3.53	89.66		

Table Continued

Connector Group - K

Straight

TABLE - A											
MIL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE SE – II / I	CABLE RANGE				L (MAX)		Y (MAX)	
ACCESSORY SHELL SIZE	CLAMP SIZE	LENGTH		MIN		MAX		INCH	MM	INCH	MM
				INCH	MM	INCH	MM				
16	02	STD.	16 / 17	0.13	3.18	0.25	6.35	1.53	38.86	0.97	24.64
		A						2.53	64.26		
		B						3.53	89.66		
	03	STD.		0.25	6.35	0.38	9.53	1.53	38.86	1.06	26.92
		A						2.53	64.26		
		B						3.53	89.66		
	04	STD.		0.31	7.92	0.50	12.70	1.53	38.86	1.16	29.46
		A						2.53	64.26		
		B						3.53	89.66		
	05	STD.		0.44	11.10	0.63	15.88	1.53	38.86	1.25	31.75
		A						2.53	64.26		
		B						3.53	89.66		
06	STD.	0.56	14.27	0.75	19.05	1.53	38.86	1.38	35.05		
	A					2.53	64.26				
	B					3.53	89.66				
18	03	STD.	18 / 19	0.25	6.35	0.38	9.53	1.53	38.86	1.06	26.92
		A						2.53	64.26		
		B						3.53	89.66		
	04	STD.		0.31	7.92	0.50	12.70	1.53	38.86	1.16	29.46
		A						2.53	64.26		
		B						3.53	89.66		
	05	STD.		0.44	11.10	0.63	15.88	1.53	38.86	1.25	31.75
		A						2.53	64.26		
		B						3.53	89.66		
	06	STD.		0.56	14.27	0.75	19.05	1.53	38.86	1.38	35.05
		A						2.53	64.26		
		B						3.53	89.66		
07	STD.	0.69	17.45	0.88	22.23	1.53	38.86	1.50	38.10		
	A					2.53	64.26				
	B					3.53	89.66				
20	03	STD.	20 / 21	0.25	6.35	0.38	9.53	1.53	38.86	1.06	26.92
		A						2.53	64.26		
		B						3.53	89.66		
		C						4.53	115.06		
	04	STD.		0.31	7.92	0.50	12.70	1.53	38.86	1.16	29.46
		A						2.53	64.26		
		B						3.53	89.66		
		C						4.53	115.06		
	05	STD.		0.44	11.10	0.63	15.88	1.53	38.86	1.25	31.75
		A						2.53	64.26		
		B						3.53	89.66		
		C						4.53	115.06		
	06	STD.		0.56	14.27	0.75	19.05	1.53	38.86	1.38	35.05
		A						2.53	64.26		
		B						3.53	89.66		
		C						4.53	115.06		
	07	STD.		0.69	17.45	0.88	22.23	1.53	38.86	1.50	38.10
		A						2.53	64.26		
		B						3.53	89.66		
		C						4.53	115.06		
	08	STD.		0.81	20.62	1.00	25.40	1.53	38.86	1.63	41.40
		A						2.53	64.26		
		B						3.53	89.66		
		C						4.53	115.06		

Table Continued

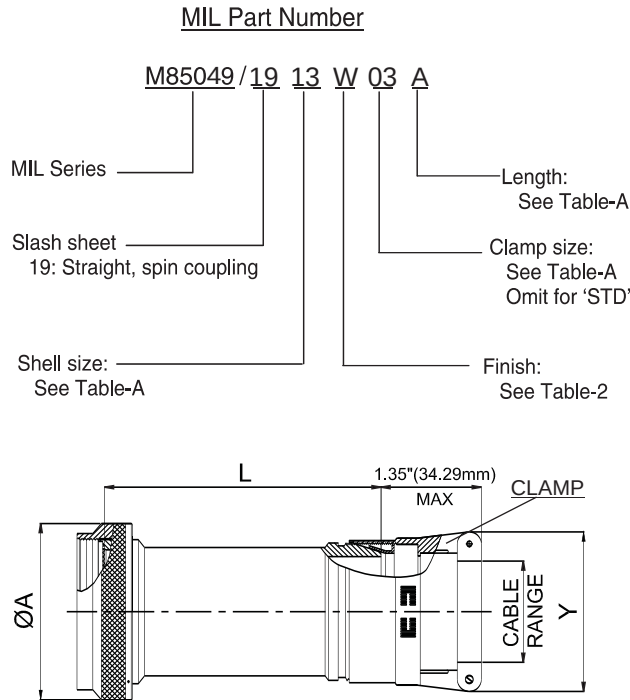
Connector Group - K

Straight

TABLE - A											
MIL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE SE – II / I	CABLE RANGE				L (MAX)		Y (MAX)	
ACCESSORY SHELL SIZE	CLAMP SIZE	LENGTH		MIN		MAX		INCH	MM	INCH	MM
				INCH	MM	INCH	MM				
22	03	STD.	22 /23	0.25	6.35	0.38	9.53	1.53	38.86	1.06	26.92
		A						2.53	64.26		
		B						3.53	89.66		
		C						4.53	115.06		
	04	STD.		0.31	7.92	0.50	12.70	1.53	38.86	1.16	29.46
		A						2.53	64.26		
		B						3.53	89.66		
		C						4.53	115.06		
	05	STD.		0.44	11.10	0.63	15.88	1.53	38.86	1.25	31.75
		A						2.53	64.26		
		B						3.53	89.66		
		C						4.53	115.06		
	06	STD.		0.56	14.27	0.75	19.05	1.53	38.86	1.38	35.05
		A						2.53	64.26		
		B						3.53	89.66		
		C						4.53	115.06		
	07	STD.		0.69	17.45	0.88	22.23	1.53	38.86	1.50	38.10
		A						2.53	64.26		
		B						3.53	89.66		
		C						4.53	115.06		
	08	STD.		0.81	20.62	1.00	25.40	1.53	38.86	1.63	41.40
		A						2.53	64.26		
		B						3.53	89.66		
		C						4.53	115.06		
	09	STD.		0.94	23.80	1.13	28.58	1.53	38.86	1.75	44.45
		A						2.53	64.26		
		B						3.53	89.66		
		C						4.53	115.06		
24	04	STD.	24 / 25	0.31	7.92	0.50	12.70	1.53	38.86	1.16	29.46
		A						2.53	64.26		
		B						3.53	89.66		
		C						4.53	115.06		
	05	STD.		0.44	11.10	0.63	15.88	1.53	38.86	1.25	31.75
		A						2.53	64.26		
		B						3.53	89.66		
		C						4.53	115.06		
	06	STD.		0.56	14.27	0.75	19.05	1.53	38.86	1.38	35.05
		A						2.53	64.26		
		B						3.53	89.66		
		C						4.53	115.06		
	07	STD.		0.69	17.45	0.88	22.23	1.53	38.86	1.50	38.10
		A						2.53	64.26		
		B						3.53	89.66		
		C						4.53	115.06		
	08	STD.		0.81	20.62	1.00	25.40	1.53	38.86	1.63	41.40
		A						2.53	64.26		
		B						3.53	89.66		
		C						4.53	115.06		
	09	STD.		0.94	23.80	1.13	28.58	1.53	38.86	1.75	44.45
		A						2.53	64.26		
		B						3.53	89.66		
		C						4.53	115.06		
	10	STD.		1.06	26.97	1.25	31.75	1.53	38.86	1.88	47.75
		A						2.53	64.26		
		B						3.53	89.66		
		C						4.53	115.06		

Connector Group - L

Straight



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

TABLE - A													
MIL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE/CODE (REF.)	CABLE RANGE				A DIA. (MAX)		L (MAX)		Y (MAX)	
CONNECTOR SHELL SIZE	CLAMP SIZE	LENGTH		MIN		MAX		INCH	MM	INCH	MM	INCH	MM
				INCH	MM	INCH	MM						
9	01	STD.	09 / A	0.06	1.57	0.13	3.18	0.75	19.05	1.53	38.86	0.80	20.32
		A								2.53	64.26		
	02	STD.		0.13	3.18	0.25	6.35			1.53	38.86	1.00	25.40
		A								2.53	64.26		
11	01	STD.	11 / B	0.06	1.57	0.13	3.18	0.85	21.59	1.53	38.86	0.80	20.32
		A								2.53	64.26		
	02	STD.		0.13	3.18	0.25	6.35			1.53	38.86	1.00	25.40
		A								2.53	64.26		
	03	STD.		0.25	6.35	0.38	9.53			1.53	38.86	1.10	27.94
		A								2.53	64.26		
13	02	STD.	13 / C	0.13	3.18	0.25	6.35	1.00	25.40	1.53	38.86	1.00	25.40
		A								2.53	64.26		
	03	STD.		0.25	6.35	0.38	9.53			1.53	38.86	1.10	27.94
		A								2.53	64.26		
	04	STD.		0.31	7.92	0.50	12.70			1.53	38.86	1.20	30.48
		A								2.53	64.26		
15	02	STD.	15 / D	0.13	3.18	0.25	6.35	1.10	27.94	1.53	38.86	1.00	25.40
		A								2.53	64.26		
		B								3.53	89.66		
	03	STD.		0.25	6.35	0.38	9.53			1.53	38.86	1.10	27.94
		A								2.53	64.26		
		B								3.53	89.66		
	04	STD.		0.31	7.92	0.50	12.70			1.53	38.86	1.20	30.48
		A								2.53	64.26		
		B								3.53	89.66		
	05	STD.		0.44	11.10	0.63	15.88			1.53	38.86	1.25	31.75
		A								2.53	64.26		
		B								3.53	89.66		

Table Continued

Connector Group - L

Straight

TABLE - A													
MIL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE/CODE (REF.)	CABLE RANGE				A DIA. (MAX)		L (MAX)		Y (MAX)	
CONNECTOR SHELL SIZE	CLAMP SIZE	LENGTH		MIN		MAX		INCH	MM	INCH	MM	INCH	MM
				INCH	MM	INCH	MM						
17	02	STD.	17 / E	0.13	3.18	0.25	6.35	1.25	31.75	1.53	38.86	1.00	25.40
		A								2.53	64.26		
		B								3.53	89.66		
	03	STD.		0.25	6.35	0.38	9.53			1.53	38.86	1.10	27.94
		A								2.53	64.26		
		B								3.53	89.66		
	04	STD.		0.31	7.92	0.50	12.70			1.53	38.86	1.20	30.48
		A								2.53	64.26		
		B								3.53	89.66		
	05	STD.		0.44	11.10	0.63	15.88			1.53	38.86	1.25	31.75
		A								2.53	64.26		
		B								3.53	89.66		
	06	STD.		0.56	14.27	0.75	19.05			1.53	38.86	1.40	35.56
		A								2.53	64.26		
		B								3.53	89.66		
19	03	STD.	19 / F	0.25	6.35	0.38	9.53	1.40	35.56	1.53	38.86	1.10	27.94
		A								2.53	64.26		
		B								3.53	89.66		
	04	STD.		0.31	7.92	0.50	12.70			1.53	38.86	1.20	30.48
		A								2.53	64.26		
		B								3.53	89.66		
	05	STD.		0.44	11.10	0.63	15.88			1.53	38.86	1.25	31.75
		A								2.53	64.26		
		B								3.53	89.66		
	06	STD.		0.56	14.27	0.75	19.05			1.53	38.86	1.40	35.56
		A								2.53	64.26		
		B								3.53	89.66		
	07	STD.		0.69	17.45	0.88	22.23			1.53	38.86	1.50	38.10
		A								2.53	64.26		
		B								3.53	89.66		
21	03	STD.	21 / G	0.25	6.35	0.38	9.53	1.50	38.10	1.53	38.86	1.10	27.94
		A								2.53	64.26		
		B								3.53	89.66		
		C								4.53	115.06		
	04	STD.		0.31	7.92	0.50	12.70			1.53	38.86	1.20	30.48
		A								2.53	64.26		
		B								3.53	89.66		
		C								4.53	115.06		
	05	STD.		0.44	11.10	0.63	15.88			1.53	38.86	1.25	31.75
		A								2.53	64.26		
		B								3.53	89.66		
		C								4.53	115.06		
	06	STD.		0.56	14.27	0.75	19.05			1.53	38.86	1.40	35.56
		A								2.53	64.26		
		B								3.53	89.66		
		C								4.53	115.06		
	07	STD.		0.69	17.45	0.88	22.23			1.53	38.86	1.50	38.10
		A								2.53	64.26		
		B								3.53	89.66		
		C								4.53	115.06		
	08	STD.		0.81	20.62	1.00	25.40			1.53	38.86	1.65	41.91
		A								2.53	64.26		
		B								3.53	89.66		
		C								4.53	115.06		

Table Continued

Connector Group - L

Straight

TABLE - A													
MIL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE/CODE (REF.)	CABLE RANGE				A DIA. (MAX)		L (MAX)		Y (MAX)	
CONNECTOR SHELL SIZE	CLAMP SIZE	LENGTH		MIN		MAX		INCH	MM	INCH	MM	INCH	MM
				INCH	MM	INCH	MM						
23	03	STD.	23 / H	0.25	6.35	0.38	9.53	1.65	41.91	1.53	38.86	1.10	27.94
		A								2.53	64.26		
		B								3.53	89.66		
		C								4.53	115.06		
	04	STD.		0.31	7.92	0.50	12.70			1.53	38.86	1.20	30.48
		A								2.53	64.26		
		B								3.53	89.66		
		C								4.53	115.06		
	05	STD.		0.44	11.10	0.63	15.88			1.53	38.86	1.25	31.75
		A								2.53	64.26		
		B								3.53	89.66		
		C								4.53	115.06		
	06	STD.		0.56	14.27	0.75	19.05			1.53	38.86	1.40	35.56
		A								2.53	64.26		
		B								3.53	89.66		
		C								4.53	115.06		
	07	STD.		0.69	17.45	0.88	22.23			1.53	38.86	1.50	38.10
		A								2.53	64.26		
		B								3.53	89.66		
		C								4.53	115.06		
	08	STD.		0.81	20.62	1.00	25.40			1.53	38.86	1.65	41.91
		A								2.53	64.26		
		B								3.53	89.66		
		C								4.53	115.06		
	09	STD.		0.94	23.80	1.13	28.58			1.53	38.86	1.75	44.45
		A								2.53	64.26		
		B								3.53	89.66		
		C								4.53	115.06		
25	04	STD.	25 / J	0.31	7.92	0.50	12.70	1.75	44.45	1.53	38.86	1.20	30.48
		A								2.53	64.26		
		B								3.53	89.66		
		C								4.53	115.06		
	05	STD.		0.44	11.10	0.63	15.88			1.53	38.86	1.25	31.75
		A								2.53	64.26		
		B								3.53	89.66		
		C								4.53	115.06		
	06	STD.		0.56	14.27	0.75	19.05			1.53	38.86	1.40	35.56
		A								2.53	64.26		
		B								3.53	89.66		
		C								4.53	115.06		
	07	STD.		0.69	17.45	0.88	22.23			1.53	38.86	1.50	38.10
		A								2.53	64.26		
		B								3.53	89.66		
		C								4.53	115.06		
	08	STD.		0.81	20.62	1.00	25.40			1.53	38.86	1.65	41.91
		A								2.53	64.26		
		B								3.53	89.66		
		C								4.53	115.06		
	09	STD.		0.94	23.80	1.13	28.58			1.53	38.86	1.75	44.45
		A								2.53	64.26		
		B								3.53	89.66		
		C								4.53	115.06		
	10	STD.		1.06	26.97	1.25	31.75			1.53	38.86	1.90	48.26
		A								2.53	64.26		
		B								3.53	89.66		
		C								4.53	115.06		

ENVIRONMENTAL EMI / RFI BACKSHELL



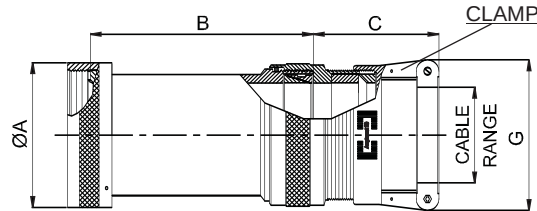
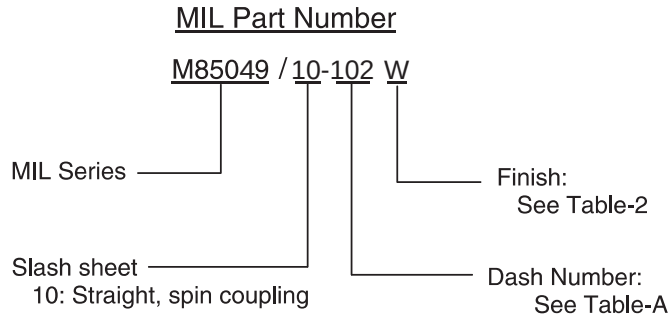
Both individual and overall shieldings can be terminated in this type in addition to the cable sealing as possible in the Environmental Backshell. It is an ideal choice for heavy duty cabling solutions in harsh environment situations where electromagnetic and radio frequency noises are to be isolated.

For Connector Group		Page No.
J	→	IV-1 - IV-8
K	→	IV-9 - IV-13
L	→	IV-14 - IV-19

Note: For Connector group Identification refer Table 1 - A, B, C, D (Page 7-11)
and for Material / Plating Finish, Refer Table-2 (Page 12)

Connector Group - J

Straight



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

TABLE - A														
MIL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE	A DIA. (MAX)		B (MAX)		C (REF)		G (MAX)		CABLE RANGE			
SHELL SIZE	DASH NO		INCH	MM	INCH	MM	INCH	MM	INCH	MM	MIN		MAX	
											INCH	MM	INCH	MM
08	05	8	0.62	15.67	2.13	54.10	1.54	39.22	0.96	24.31	0.13	3.18	0.25	6.35
	06		0.62	15.67	3.13	79.50	1.54	39.22	0.96	24.31	0.13	3.18	0.25	6.35
	07*		0.62	15.67	2.88	73.15	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10
	08*		0.62	15.67	3.88	98.55	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10
10	09	10	0.73	18.64	2.13	54.10	1.54	39.22	0.96	24.31	0.13	3.18	0.31	7.92
	10		0.73	18.64	3.13	79.50	1.54	39.22	0.96	24.31	0.13	3.18	0.31	7.92
	11*		0.73	18.64	2.88	73.15	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10
	12*		0.73	18.64	3.88	98.55	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10
	136		0.73	18.64	2.13	54.10	1.54	39.22	1.15	29.08	0.25	6.35	0.38	9.53
	137		0.73	18.64	3.13	79.50	1.54	39.22	1.15	29.08	0.25	6.35	0.38	9.53
12	13	7/12	0.86	21.79	2.13	54.10	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10
	14		0.86	21.79	3.13	79.50	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10
	15*		0.86	21.79	2.88	73.15	1.84	46.84	1.33	33.83	0.35	8.89	0.63	15.88
	16*		0.86	21.79	3.88	98.55	1.84	46.84	1.33	33.83	0.35	8.89	0.63	15.88
	111		0.86	21.79	2.13	54.10	1.84	46.84	1.33	33.83	0.35	8.89	0.50	12.70
	114		0.86	21.79	2.13	54.10	1.54	39.22	0.96	24.31	0.13	3.18	0.31	7.92
	115		0.86	21.79	3.13	79.50	1.54	39.22	0.96	24.31	0.13	3.18	0.31	7.92
	138		0.86	21.79	2.13	54.10	1.84	46.84	1.33	33.83	0.35	8.89	0.50	12.70
	139		0.86	21.79	3.13	79.50	1.84	46.84	1.33	33.83	0.35	8.89	0.50	12.70

Table Continued

Connector Group - J

Straight

TABLE - A														
MIL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE	A DIA. (MAX)		B (MAX)		C (REF)		G (MAX)		CABLE RANGE			
			INCH	MM	INCH	MM	INCH	MM	INCH	MM	MIN		MAX	
INCH	MM										INCH	MM	INCH	MM
14	17	12/14	0.98	24.99	2.13	54.10	1.84	46.84	1.33	33.83	0.35	8.89	0.58	14.61
	18		0.98	24.99	3.13	79.50	1.84	46.84	1.33	33.83	0.35	8.89	0.58	14.61
	19*		0.98	24.99	2.88	73.15	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05
	20*		0.98	24.99	3.88	98.55	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05
	116		0.98	24.99	2.13	54.10	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10
	117		0.98	24.99	3.13	79.50	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10
	150		0.98	24.99	2.13	54.10	1.54	39.22	0.96	24.31	0.13	3.18	0.31	7.92
	151		0.98	24.99	3.13	79.50	1.54	39.22	0.96	24.31	0.13	3.18	0.31	7.92
16	21	19/16	1.11	28.24	2.13	54.10	1.92	48.67	1.55	39.40	0.50	12.70	0.70	17.78
	22		1.11	28.24	3.13	79.50	1.92	48.67	1.55	39.40	0.50	12.70	0.70	17.78
	23*		1.11	28.24	2.88	73.15	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80
	24*		1.11	28.24	3.88	98.55	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80
	112		1.11	28.24	2.13	54.10	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10
	113		1.11	28.24	3.13	79.50	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10
	118		1.11	28.24	2.13	54.10	1.84	46.84	1.33	33.83	0.35	8.89	0.63	15.88
	119		1.11	28.24	3.13	79.50	1.84	46.84	1.33	33.83	0.35	8.89	0.63	15.88
	152		1.11	28.24	2.13	54.10	1.54	39.22	0.96	24.31	0.13	3.18	0.31	7.92
	153		1.11	28.24	3.13	79.50	1.54	39.22	0.96	24.31	0.13	3.18	0.31	7.92
18	25	27/18	1.22	30.94	2.13	54.10	1.84	46.84	1.33	33.83	0.35	8.89	0.63	15.88
	26		1.22	30.94	3.13	79.50	1.84	46.84	1.33	33.83	0.35	8.89	0.63	15.88
	27		1.22	30.94	2.13	54.10	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05
	28		1.22	30.94	3.13	79.50	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05
	29*		1.22	30.94	2.88	73.15	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80
	30*		1.22	30.94	3.88	98.55	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80
	120		1.22	30.94	2.13	54.10	1.54	39.22	0.96	24.31	0.13	3.18	0.31	7.92
	121		1.22	30.94	3.13	79.50	1.54	39.22	0.96	24.31	0.13	3.18	0.31	7.92
	122		1.22	30.94	2.13	54.10	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10
	123		1.22	30.94	3.13	79.50	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10
20	31	37/20	1.35	34.16	3.13	79.50	1.84	46.84	1.33	33.83	0.35	8.89	0.63	15.88
	32		1.35	34.16	4.13	104.90	1.84	46.84	1.33	33.83	0.35	8.89	0.63	15.88
	33		1.35	34.16	3.13	79.50	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05
	34		1.35	34.16	4.13	104.90	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05
	35*		1.35	34.16	3.88	98.55	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80
	36*		1.35	34.16	4.88	123.95	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80
	37*		1.35	34.16	3.88	98.55	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75
	38*		1.35	34.16	4.88	123.95	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75
	124		1.35	34.16	3.13	79.50	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10
	125		1.35	34.16	4.13	104.90	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10
	140		1.35	34.16	3.13	79.50	2.00	50.80	1.77	44.96	0.63	15.88	0.90	22.96
	141		1.35	34.16	4.13	104.90	2.00	50.80	1.77	44.96	0.63	15.88	0.90	22.96
22	39	22	1.47	37.29	3.13	79.50	1.84	46.84	1.33	33.83	0.35	8.89	0.63	15.88
	40		1.47	37.29	4.13	104.90	1.84	46.84	1.33	33.83	0.35	8.89	0.63	15.88
	41		1.47	37.29	3.13	79.50	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05
	42		1.47	37.29	4.13	104.90	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05
	43		1.47	37.29	3.13	79.50	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80
	44		1.47	37.29	4.13	104.90	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80
	45*		1.47	37.29	3.88	98.55	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75
	46*		1.47	37.29	4.88	123.95	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75
	126		1.47	37.29	3.13	79.50	1.54	39.22	0.96	24.31	0.13	3.18	0.31	7.92
	127		1.47	37.29	4.13	104.90	1.54	39.22	0.96	24.31	0.13	3.18	0.31	7.92
	128		1.47	37.29	3.13	79.50	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10
	129		1.47	37.29	4.13	104.90	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10
	142		1.47	37.29	3.13	79.50	2.23	56.64	2.11	53.67	0.88	22.23	1.03	26.14
	143		1.47	37.29	4.13	104.90	2.23	56.64	2.11	53.67	0.88	22.23	1.03	26.14

Table Continued

Connector Group - J

Straight

TABLE - A														
MIL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE	A DIA. (MAX)		B (MAX)		C (REF)		G (MAX)		CABLE RANGE			
SHELL SIZE	DASH NO		INCH	MM	INCH	MM	INCH	MM	INCH	MM	MIN		MAX	
											INCH	MM	INCH	MM
24	47	24	1.59	40.46	3.13	79.50	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05
	48		1.59	40.46	4.13	104.90	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05
	49		1.59	40.46	3.13	79.50	2.00	50.80	1.77	44.96	0.63	15.88	0.81	20.62
	50		1.59	40.46	4.13	104.90	2.00	50.80	1.77	44.96	0.63	15.88	0.81	20.62
	51		1.59	40.46	3.13	79.50	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80
	52		1.59	40.46	4.13	104.90	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80
	53*		1.59	40.46	3.88	98.55	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75
	54*		1.59	40.46	4.88	123.95	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75
	130		1.59	40.46	3.13	79.50	1.84	46.84	1.33	33.83	0.35	8.89	0.63	15.88
	131		1.59	40.46	4.13	104.90	1.84	46.84	1.33	33.83	0.35	8.89	0.63	15.88
	144		1.59	40.46	3.13	79.50	2.23	56.64	2.11	53.67	0.88	22.23	1.14	29.06
	145		1.59	40.46	4.13	104.90	2.23	56.64	2.11	53.67	0.88	22.23	1.14	29.06
28	55	28	1.97	50.01	3.13	79.50	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05
	56		1.97	50.01	4.13	104.90	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05
	57		1.97	50.01	3.13	79.50	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80
	58		1.97	50.01	4.13	104.90	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80
	59		1.97	50.01	3.13	79.50	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75
	60		1.97	50.01	4.13	104.90	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75
	61		1.97	50.01	3.13	79.50	2.02	51.41	23.63	600.20	1.00	25.40	1.38	34.93
	62		1.97	50.01	4.13	104.90	2.02	51.41	2.36	60.02	1.00	25.40	1.38	34.93
32	63	32	2.22	56.36	3.13	79.50	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80
	64		2.22	56.36	4.13	104.90	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80
	65		2.22	56.36	3.13	79.50	2.23	56.64	2.11	53.67	0.88	22.23	12.50	317.50
	66		2.22	56.36	4.13	104.90	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75
	67		2.22	56.36	3.13	79.50	2.02	51.41	2.36	60.02	1.00	25.40	1.38	34.93
	68		2.22	56.36	4.13	104.90	2.02	51.41	2.36	60.02	1.00	25.40	1.38	34.93
	69		2.22	56.36	3.13	79.50	2.55	64.77	2.77	70.36	1.25	31.75	1.63	41.28
	70		2.22	56.36	4.13	104.90	2.55	64.77	2.77	70.36	1.25	31.75	1.63	41.28
36	71	36	2.47	62.71	4.13	104.90	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75
	72		2.47	62.71	5.13	130.30	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75
	73		2.47	62.71	4.13	104.90	2.02	51.41	2.36	60.02	1.00	25.40	1.38	34.93
	74		2.47	62.71	5.13	130.30	2.02	51.41	2.36	60.02	1.00	25.40	1.38	34.93
	75		2.47	62.71	4.13	104.90	2.55	64.77	2.77	70.36	1.25	31.75	1.63	41.28
	76		2.47	62.71	5.13	130.30	2.55	64.77	2.77	70.36	1.25	31.75	1.63	41.28
	77*		2.47	62.71	5.01	127.25	2.60	66.04	3.02	76.71	1.44	36.50	1.88	47.63
	78*		2.47	62.71	6.01	152.65	2.60	66.04	3.02	76.71	1.44	36.50	1.88	47.63
	132		2.47	62.71	4.13	104.90	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05
	133		2.47	62.71	5.13	130.30	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05
	146		2.47	62.71	4.13	104.90	2.60	66.04	3.02	76.71	1.44	36.50	1.84	46.74
	147		2.47	62.71	5.13	130.30	2.60	66.04	3.02	76.71	1.44	36.50	1.84	46.74
	148		2.47	62.71	4.13	104.90	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80
	149		2.47	62.71	5.13	130.30	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80
40	79	40	2.72	69.06	4.13	104.90	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75
	80		2.72	69.06	5.13	130.30	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75
	81		2.72	69.06	4.13	104.90	2.02	51.41	2.36	60.02	1.00	25.40	1.38	34.93
	82		2.72	69.06	5.13	130.30	2.02	51.41	2.36	60.02	1.00	25.40	1.38	34.93
	83		2.72	69.06	4.13	104.90	2.55	64.77	2.77	70.36	1.25	31.75	1.63	41.28
	84		2.72	69.06	5.13	130.30	2.55	64.77	2.77	70.36	1.25	31.75	1.63	41.28
	85		2.72	69.06	4.13	104.90	2.60	66.04	3.02	76.71	1.44	36.50	1.88	47.63
	86		2.72	69.06	5.13	130.30	2.60	66.04	3.02	76.71	1.44	36.50	1.88	47.63
	134		2.72	69.06	4.13	104.90	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05
	135		2.72	69.06	5.13	130.30	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05
	156		2.72	69.06	4.13	104.90	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80
	157		2.72	69.06	5.13	130.30	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80

Table Continued

Connector Group - J

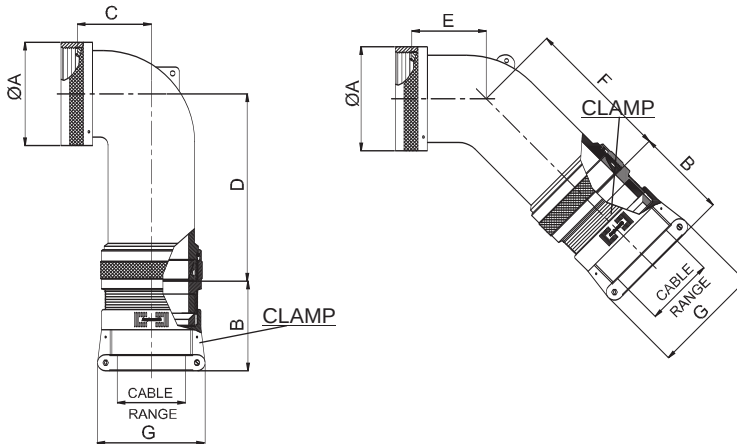
Straight

TABLE - A														
MIL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE	A DIA. (MAX)		B (MAX)		C (REF)		G (MAX)		CABLE RANGE			
SHELL SIZE	DASH NO		INCH	MM	INCH	MM	INCH	MM	INCH	MM	MIN		MAX	
											INCH	MM	INCH	MM
44	87	44	2.97	75.41	4.13	104.90	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75
	88		2.97	75.41	5.13	130.30	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75
	89		2.97	75.41	4.13	104.90	2.02	51.41	2.36	60.02	1.00	25.40	1.38	34.93
	90		2.97	75.41	5.13	130.30	2.02	51.41	2.36	60.02	1.00	25.40	1.38	34.93
	91		2.97	75.41	4.13	104.90	2.55	64.77	2.77	70.36	1.25	31.75	1.63	41.28
	92		2.97	75.41	5.13	130.30	2.55	64.77	2.77	70.36	1.25	31.75	1.63	41.28
	93		2.97	75.41	4.13	104.90	2.60	66.04	3.02	76.71	1.44	36.50	1.88	47.63
	94		2.97	75.41	5.13	130.30	2.60	66.04	3.02	76.71	1.44	36.50	1.88	47.63
	154		2.97	75.41	4.13	104.90	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80
	155		2.97	75.41	5.13	130.30	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80
48	95	48	3.22	81.76	4.13	104.90	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75
	96		3.22	81.76	5.13	130.30	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75
	97		3.22	81.76	4.13	104.90	2.02	51.41	2.36	60.02	1.00	25.40	1.38	34.93
	98		3.22	81.76	5.13	130.30	2.02	51.41	2.36	60.02	1.00	25.40	1.38	34.93
	99		3.22	81.76	4.13	104.90	2.55	64.77	2.77	70.36	1.25	31.75	1.63	41.28
	100		3.22	81.76	5.13	130.30	2.55	64.77	2.77	70.36	1.25	31.75	1.63	41.28
	101		3.22	81.76	4.13	104.90	2.60	66.04	3.02	76.71	1.44	36.50	1.88	47.63
	102		3.22	81.76	5.13	130.30	2.60	66.04	3.02	76.71	1.44	36.50	1.88	47.63

(*) ---- DENOTES STYLE 2

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

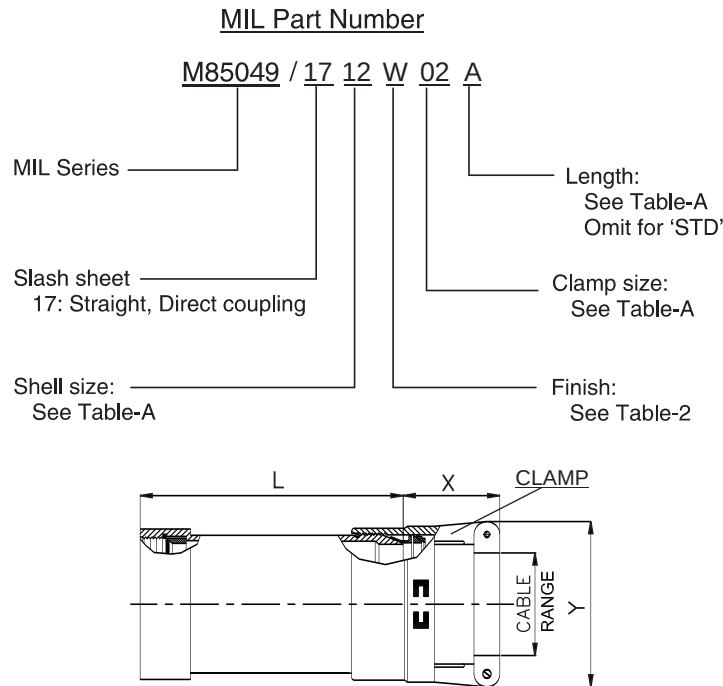
90°, 45°

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

Connector Group - K

Straight



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

TABLE - A													
MIL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE SE – II / I	LENGTH	CABLE RANGE				L (MAX)		X (MAX)		Y (MAX)	
ACCESSORY SHELL SIZE	CLAMP SIZE			MIN		MAX		INCH	MM	INCH	MM	INCH	MM
				INCH	MM	INCH	MM						
08	01	8 / 9	STD.	0.06	1.57	0.13	3.18	1.53	38.86	1.25	31.75	0.78	19.81
			A					2.53	64.26				
	02		STD.	0.13	3.18	0.25	6.35	1.53	38.86	1.25	31.75	0.97	24.64
			A					2.53	64.26				
10	01	10 / 11	STD.	0.06	1.57	0.13	3.18	1.53	38.86	1.25	31.75	0.78	19.81
			A					2.53	64.26				
	02		STD.	0.13	3.18	0.25	6.35	1.53	38.86	1.25	31.75	0.97	24.64
			A					2.53	64.26				
	03		STD.	0.25	6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92
			A					2.53	64.26				
12	02	12 / 13	STD.	0.13	3.18	0.25	6.35	1.53	38.86	1.25	31.75	0.97	24.64
			A					2.53	64.26				
	03		STD.	0.25	6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92
			A					2.53	64.26				
	04		STD.	0.38	9.53	0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46
			A					2.53	64.26				
14	02	14 / 15	STD.	0.13	3.18	0.25	6.35	1.53	38.86	1.25	31.75	0.97	24.64
			A					2.53	64.26				
			B					3.53	89.66				
	03		STD.	0.25	6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92
			A					2.53	64.26				
			B					3.53	89.66				
	04		STD.	0.38	9.53	0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46
			A					2.53	64.26				
			B					3.53	89.66				
	05		STD.	0.50	12.70	0.63	15.88	1.53	38.86	1.31	33.27	1.25	31.75
			A					2.53	64.26				
			B					3.53	89.66				

Table Continued

Connector Group - K

Straight

TABLE - A														
MIL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE SE – II / I	LENGTH	CABLE RANGE				L (MAX)		X (MAX)		Y (MAX)		
ACCESSORY SHELL SIZE	CLAMP SIZE			MIN		MAX		INCH	MM	INCH	MM	INCH	MM	
				INCH	MM	INCH	MM							
16	02	16 / 17	STD.	0.13	3.18	0.25	6.35	1.53	38.86	1.25	31.75	0.97	24.64	
			A					2.53	64.26					
			B					3.53	89.66					
	03		STD.	0.25	6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92	
								A	2.53					64.26
								B	3.53					89.66
	04		STD.	0.38	9.53	0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46	
								A	2.53					64.26
								B	3.53					89.66
	05		STD.	0.50	12.70	0.63	15.88	1.53	38.86	1.31	33.27	1.25	31.75	
								A	2.53					64.26
								B	3.53					89.66
	06		STD.	0.63	15.88	0.75	19.05	1.53	38.86	1.38	35.05	1.38	35.05	
								A	2.53					64.26
								B	3.53					89.66
18	03	18 / 19	STD.	0.25	6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92	
			A					2.53	64.26					
			B					3.53	89.66					
	04		STD.	0.38	9.53	0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46	
								A	2.53					64.26
								B	3.53					89.66
	05		STD.	0.50	12.70	0.63	15.88	1.53	38.86	1.31	33.27	1.25	31.75	
								A	2.53					64.26
								B	3.53					89.66
	06		STD.	0.63	15.88	0.75	19.05	1.53	38.86	1.38	35.05	1.38	35.05	
								A	2.53					64.26
								B	3.53					89.66
	07		STD.	0.75	19.05	0.88	22.23	1.53	38.86	1.50	38.10	1.50	38.10	
								A	2.53					64.26
								B	3.53					89.66
20	03	20 / 21	STD.	0.25	6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92	
			A					2.53	64.26					
			B					3.53	89.66					
			C					4.53	115.06					
	04		STD.	0.38	9.53	0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46	
								A	2.53					64.26
								B	3.53					89.66
								C	4.53					115.06
	05		STD.	0.50	12.70	0.63	15.88	1.53	38.86	1.31	33.27	1.25	31.75	
								A	2.53					64.26
								B	3.53					89.66
								C	4.53					115.06
	06		STD.	0.63	15.88	0.75	19.05	1.53	38.86	1.38	35.05	1.38	35.05	
								A	2.53					64.26
								B	3.53					89.66
								C	4.53					115.06
	07		STD.	0.75	19.05	0.88	22.23	1.53	38.86	1.50	38.10	1.50	38.10	
								A	2.53					64.26
								B	3.53					89.66
								C	4.53					115.06
	08		STD.	0.88	22.23	1.00	25.40	1.53	38.86	1.63	41.40	1.63	41.40	
								A	2.53					64.26
								B	3.53					89.66
								C	4.53					115.06

Table Continued

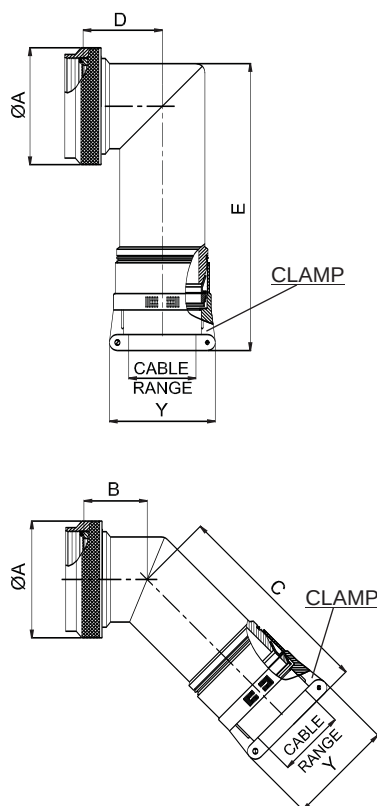
Connector Group - K

Straight

TABLE - A														
MIL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE SE – II / I		CABLE RANGE				L (MAX)		X (MAX)		Y (MAX)		
ACCESSORY SHELL SIZE	CLAMP SIZE		LENGTH	MIN		MAX		INCH	MM	INCH	MM	INCH	MM	
				INCH	MM	INCH	MM							
22	03	22 / 23	STD.	0.25	6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92	
			A					2.53	64.26					
			B					3.53	89.66					
			C					4.53	115.06					
	04		STD.	0.38	9.53	0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46	
								A	2.53					64.26
								B	3.53					89.66
								C	4.53					115.06
	05		STD.	0.50	12.70	0.63	15.88	1.53	38.86	1.31	33.27	1.25	31.75	
								A	2.53					64.26
								B	3.53					89.66
								C	4.53					115.06
	06		STD.	0.63	15.88	0.75	19.05	1.53	38.86	1.38	35.05	1.38	35.05	
								A	2.53					64.26
								B	3.53					89.66
								C	4.53					115.06
22	07	22 / 23	STD.	0.75	19.05	0.88	22.23	1.53	38.86	1.50	38.10	1.50	38.10	
			A					2.53	64.26					
			B					3.53	89.66					
			C					4.53	115.06					
	08		STD.	0.88	22.23	1.00	25.40	1.53	38.86	1.63	41.40	1.63	41.40	
								A	2.53					64.26
								B	3.53					89.66
								C	4.53					115.06
	09		STD.	1.00	25.40	1.13	28.58	1.53	38.86	1.63	41.40	1.75	44.45	
								A	2.53					64.26
								B	3.53					89.66
								C	4.53					115.06
24	04	24 / 25	STD.	0.38	9.53	0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46	
			A					2.53	64.26					
			B					3.53	89.66					
			C					4.53	115.06					
	05		STD.	0.50	12.70	0.63	15.88	1.53	38.86	1.31	33.27	1.25	31.75	
								A	2.53					64.26
								B	3.53					89.66
								C	4.53					115.06
	06		STD.	0.63	15.88	0.75	19.05	1.53	38.86	1.38	35.05	1.38	35.05	
								A	2.53					64.26
								B	3.53					89.66
								C	4.53					115.06
	07		STD.	0.75	19.05	0.88	22.23	1.53	38.86	1.50	38.10	1.50	38.10	
								A	2.53					64.26
								B	3.53					89.66
								C	4.53					115.06
	08		STD.	0.88	22.23	1.00	25.40	1.53	38.86	1.63	41.40	1.63	41.40	
								A	2.53					64.26
								B	3.53					89.66
								C	4.53					115.06
	09		STD.	1.00	25.40	1.13	28.58	1.53	38.86	1.63	41.40	1.75	44.45	
								A	2.53					64.26
								B	3.53					89.66
								C	4.53					115.06
	10		STD.	1.13	28.58	1.25	31.75	1.53	38.86	1.63	41.40	1.88	47.75	
								A	2.53					64.26
								B	3.53					89.66
								C	4.53					115.06

Connector Group - K

90°, 45°



MIL Part Number

M85049 / 76-10 W 03

MIL Series

Slash sheet

76: 90deg, spin coupling
77: 45deg, spin couplingShell size:
See Table-BClamp size:
See Table-B
Omit for 'STD'Finish:
See Table-2

NOTE: * For more cable entry options, contact factory

TABLE - B																		
MIL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE SE – II / I	CABLE RANGE				A DIA. (MAX)		B (MAX)		C (MAX)		D (MAX)		E (MAX)		Y (MAX)	
ACCESSORY SHELL SIZE	CLAMP SIZE		MIN		MAX		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
			INCH	MM	INCH	MM												
08	01	8 / 9	0.06	1.57	0.13	3.18	0.75	19.05	0.46	11.68	3.15	80.01	0.69	17.53	3.46	87.88	0.80	20.32
	02		0.13	3.18	0.25	6.35											1.00	25.40
10	01	10 / 11	0.06	1.57	0.13	3.18	0.85	21.59	0.52	13.21	3.21	81.53	0.78	19.81	3.58	90.93	0.80	20.32
	02		0.13	3.18	0.25	6.35											1.00	25.40
	03		0.25	6.35	0.38	9.53											1.10	27.94
12	02	12 / 13	0.13	3.18	0.25	6.35	1.00	25.40	0.58	14.73	3.27	83.06	0.80	20.32	3.60	91.44	1.00	25.40
	03		0.25	6.35	0.38	9.53											1.10	27.94
	04		0.38	9.53	0.50	12.70											1.20	30.48
14	02	14 / 15	0.13	3.18	0.25	6.35	1.15	29.21	0.65	16.51	3.36	85.34	0.88	22.35	3.67	93.22	1.00	25.40
	03		0.25	6.35	0.38	9.53											1.10	27.94
	04		0.38	9.53	0.50	12.70											1.20	30.48
	05		0.50	12.70	0.63	15.88											1.25	31.75
16	02	16 / 17	0.13	3.18	0.25	6.35	1.25	31.75	0.74	18.80	3.47	88.14	0.93	23.62	3.76	95.50	1.00	25.40
	03		0.25	6.35	0.38	9.53											1.10	27.94
	04		0.38	9.53	0.50	12.70											1.20	30.48
	05		0.50	12.70	0.63	15.88											1.25	31.75
	06		0.63	15.88	0.75	19.05											1.40	35.56
18	03	18 / 19	0.25	6.35	0.38	9.53	1.40	35.56	0.93	23.62	3.66	92.96	1.01	25.65	3.93	99.82	1.10	27.94
	04		0.38	9.53	0.50	12.70											1.20	30.48
	05		0.50	12.70	0.63	15.88											1.25	31.75
	06		0.63	15.88	0.75	19.05											1.40	35.56
	07		0.75	19.05	0.88	22.23											1.50	38.10

Table Continued

Connector Group - K

90°, 45°

TABLE - B																		
MIL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE SE – II / I	CABLE RANGE				A DIA. (MAX)		B (MAX)		C (MAX)		D (MAX)		E (MAX)		Y (MAX)	
ACCESSORY SHELL SIZE	CLAMP SIZE		MIN		MAX		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
			INCH	MM	INCH	MM												
20	03	20 / 21	0.25	6.35	0.38	9.53	1.55	39.37	0.93	23.62	3.66	92.96	1.06	26.92	3.93	99.82	1.10	27.94
	04		0.38	9.53	0.50	12.70											1.20	30.48
	05		0.50	12.70	0.63	15.88											1.25	31.75
	06		0.63	15.88	0.75	19.05											1.40	35.56
	07		0.75	19.05	0.88	22.23											1.50	38.10
	08		0.88	22.23	1.00	25.40											1.65	41.91
22	03	22 /23	0.25	6.35	0.38	9.53	1.65	41.91	1.02	25.91	3.81	96.77	1.17	29.72	4.04	102.62	1.10	27.94
	04		0.38	9.53	0.50	12.70											1.20	30.48
	05		0.50	12.70	0.63	15.88											1.25	31.75
	06		0.63	15.88	0.75	19.05											1.40	35.56
	07		0.75	19.05	0.88	22.23											1.50	38.10
	08		0.88	22.23	1.00	25.40											1.65	41.91
	19		1.00	25.40	1.13	28.58											1.75	44.45
24	04	24 / 25	0.38	9.53	0.50	12.70	1.85	46.99	1.02	25.91	3.81	96.77	1.18	29.97	4.04	102.62	1.20	30.48
	05		0.50	12.70	0.63	15.88											1.25	31.75
	06		0.63	15.88	0.75	19.05											1.40	35.56
	07		0.75	19.05	0.88	22.23											1.50	38.10
	08		0.88	22.23	1.00	25.40											1.65	41.91
	09		1.00	25.40	1.13	28.58											1.75	44.45
	10		1.13	28.58	1.25	31.75											1.90	48.26

Connector Group - L

Straight

MIL Part Number
M85049 / 18 11 W 03 A

MIL Series ———

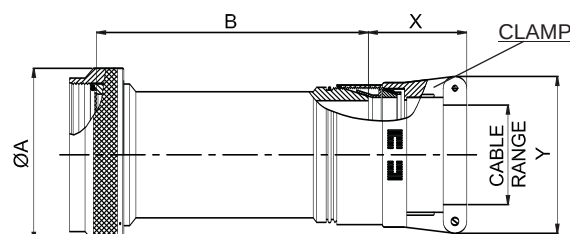
Slash sheet ———
 18: Straight, spin coupling

Shell size: ———
 See Table-A

Length: ———
 See Table-A
 Omit for 'STD'

Clamp size: ———
 See Table-A

Finish: ———
 See Table-2



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

TABLE - A															
MIL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE/CODE (REF.)	CABLE RANGE				A DIA. (MAX)		B (MAX)		X (MAX)		Y (MAX)	
CONNECTOR SHELL SIZE	CLAMP SIZE	LENGTH		MIN		MAX		INCH	MM	INCH	MM	INCH	MM	INCH	MM
				INCH	MM	INCH	MM								
9	01	STD.	09 / A	0.06	1.57	0.13	3.18	0.75	19.05	1.53	38.86	1.25	31.75	0.80	20.32
		A								2.53	64.26				
	02	STD.		0.13	3.18	0.25	6.35			1.53	38.86	1.25	31.75	1.00	25.40
		A								2.53	64.26				
11	01	STD.	11 / B	0.06	1.57	0.13	3.18	0.85	21.59	1.53	38.86	1.25	31.75	0.80	20.32
		A								2.53	64.26				
	02	STD.		0.13	3.18	0.25	6.35			1.53	38.86	1.25	31.75	1.00	25.40
		A								2.53	64.26				
	03	STD.		0.25	6.35	0.38	9.53			1.53	38.86	1.25	31.75	1.10	27.94
		A								2.53	64.26				
13	02	STD.	13 / C	0.13	3.18	0.25	6.35	1.00	25.40	1.53	38.86	1.25	31.75	1.00	25.40
		A								2.53	64.26				
	03	STD.		0.25	6.35	0.38	9.53			1.53	38.86	1.25	31.75	1.10	27.94
		A								2.53	64.26				
	04	STD.		0.38	9.53	0.50	12.70			1.53	38.86	1.25	31.75	1.20	30.48
		A								2.53	64.26				
15	02	STD.	15 / D	0.13	3.18	0.25	6.35	1.15	29.21	1.53	38.86	1.25	31.75	1.00	25.40
		A								2.53	64.26				
		B								3.53	89.66				
		STD.								1.53	38.86				
	03	A		0.25	6.35	0.38	9.53			2.53	64.26	1.25	31.75	1.10	27.94
		B								3.53	89.66				
		STD.								1.53	38.86				
		A								2.53	64.26				
	04	A		0.38	9.53	0.50	12.70			3.53	89.66	1.25	31.75	1.20	30.48
		B								1.53	38.86				
		STD.								2.53	64.26				
		A								3.53	89.66				
05	A	0.50	12.70	0.63	15.88	1.53	38.86	1.31	33.27	1.25	31.75				
	B					2.53	64.26								
	STD.					3.53	89.66								
	A					1.53	38.86								
17	02	STD.	17 / E	0.13	3.18	0.25	6.35	1.25	31.75	1.53	38.86	1.25	31.75	1.00	25.40
		A								2.53	64.26				
		B								3.53	89.66				
		STD.								1.53	38.86				
	03	A		0.25	6.35	0.38	9.53			2.53	64.26	1.25	31.75	1.10	27.94
		B								3.53	89.66				
		STD.								1.53	38.86				
		A								2.53	64.26				
	04	A		0.38	9.53	0.50	12.70			3.53	89.66	1.25	31.75	1.20	30.48
		B								1.53	38.86				
		STD.								2.53	64.26				
		A								3.53	89.66				
	05	A		0.50	12.70	0.63	15.88			1.53	38.86	1.31	33.27	1.25	31.75
		B								2.53	64.26				
		STD.								3.53	89.66				
		A								1.53	38.86				
06	A	0.63	15.88	0.75	19.05	2.53	64.26	1.38	35.05	1.40	35.56				
	B					3.53	89.66								
	STD.					1.53	38.86								
	A					2.53	64.26								

Table Continued

Connector Group - L

Straight

TABLE - A															
MIL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE/CODE (REF.)	CABLE RANGE				A DIA. (MAX)		B (MAX)		X (MAX)		Y (MAX)	
CONNECTOR SHELL SIZE	CLAMP SIZE	LENGTH		MIN		MAX		INCH	MM	INCH	MM	INCH	MM	INCH	MM
				INCH	MM	INCH	MM								
19	03	STD.	19 / F	0.25	6.35	0.38	9.53	1.40	35.56	1.53	38.86	1.25	31.75	1.10	27.94
		A								2.53	64.26				
		B								3.53	89.66				
	04	STD.		0.38	9.53	0.50	12.70			1.53	38.86	1.25	31.75	1.20	30.48
		A								2.53	64.26				
		B								3.53	89.66				
	05	STD.		0.50	12.70	0.63	15.88			1.53	38.86	1.31	33.27	1.25	31.75
		A								2.53	64.26				
		B								3.53	89.66				
	06	STD.		0.63	15.88	0.75	19.05			1.53	38.86	1.38	35.05	1.40	35.56
		A								2.53	64.26				
		B								3.53	89.66				
07	STD.	0.75	19.05	0.88	22.23	1.53	38.86	1.50	38.10	1.50	38.10				
	A					2.53	64.26								
	B					3.53	89.66								
21	03	STD.	21 / G	0.25	6.35	0.38	9.53	1.55	39.37	1.53	38.86	1.25	31.75	1.10	27.94
		A								2.53	64.26				
		B								3.53	89.66				
		C								4.53	115.06				
	04	STD.		0.38	9.53	0.50	12.70			1.53	38.86	1.25	31.75	1.20	30.48
		A								2.53	64.26				
		B								3.53	89.66				
		C								4.53	115.06				
	05	STD.		0.50	12.70	0.63	15.88			1.53	38.86	1.31	33.27	1.25	31.75
		A								2.53	64.26				
		B								3.53	89.66				
		C								4.53	115.06				
	06	STD.		0.63	15.88	0.75	19.05			1.53	38.86	1.38	35.05	1.40	35.56
		A								2.53	64.26				
		B								3.53	89.66				
		C								4.53	115.06				
	07	STD.		0.75	19.05	0.88	22.23			1.53	38.86	1.50	38.10	1.50	38.10
		A								2.53	64.26				
		B								3.53	89.66				
		C								4.53	115.06				
	08	STD.		0.88	22.23	1.00	25.40			1.53	38.86	1.63	41.40	1.65	41.91
		A								2.53	64.26				
		B								3.53	89.66				
		C								4.53	115.06				
23	03	STD.	23 / H	0.25	6.35	0.38	9.53	1.65	41.91	1.53	38.86	1.25	31.75	1.10	27.94
		A								2.53	64.26				
		B								3.53	89.66				
		C								4.53	115.06				
	04	STD.		0.38	9.53	0.50	12.70			1.53	38.86	1.25	31.75	1.20	30.48
		A								2.53	64.26				
		B								3.53	89.66				
		C								4.53	115.06				
	05	STD.		0.50	12.70	0.63	15.88			1.53	38.86	1.31	33.27	1.25	31.75
		A								2.53	64.26				
		B								3.53	89.66				
		C								4.53	115.06				
	06	STD.		0.63	15.88	0.75	19.05			1.53	38.86	1.38	35.05	1.40	35.56
		A								2.53	64.26				
		B								3.53	89.66				
		C								4.53	115.06				
	07	STD.		0.75	19.05	0.88	22.23			1.53	38.86	1.50	38.10	1.50	38.10
		A								2.53	64.26				
		B								3.53	89.66				
		C								4.53	115.06				
	08	STD.		0.88	22.23	1.00	25.40			1.53	38.86	1.63	41.40	1.65	41.91
		A								2.53	64.26				
		B								3.53	89.66				
		C								4.53	115.06				
	09	STD.		1.00	25.40	1.13	28.58			1.53	38.86	1.63	41.40	1.75	44.45
		A								2.53	64.26				
		B								3.53	89.66				
		C								4.53	115.06				

Table Continued

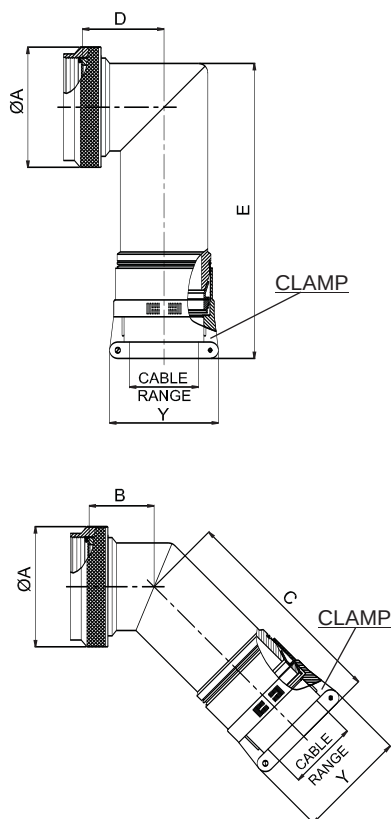
Connector Group - L

Straight

TABLE - A															
MIL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE/CODE (REF.)	CABLE RANGE				A DIA. (MAX)		B (MAX)		X (MAX)		Y (MAX)	
CONNECTOR SHELL SIZE	CLAMP SIZE	LENGTH		MIN		MAX		INCH	MM	INCH	MM	INCH	MM	INCH	MM
				INCH	MM	INCH	MM								
25	4	STD.	25 / J	0.38	9.53	0.50	12.70	1.85	46.99	1.53	38.86	1.25	31.75	1.20	30.48
		A								2.53	64.26				
		B								3.53	89.66				
		C								4.53	115.06				
	5	STD.		0.50	12.70	0.63	15.88			1.53	38.86	1.31	33.27	1.25	31.75
		A								2.53	64.26				
		B								3.53	89.66				
		C								4.53	115.06				
	6	STD.		0.63	15.88	0.75	19.05			1.53	38.86	1.38	35.05	1.40	35.56
		A								2.53	64.26				
		B								3.53	89.66				
		C								4.53	115.06				
	7	STD.		0.75	19.05	0.88	22.23			1.53	38.86	1.50	38.10	1.50	38.10
		A								2.53	64.26				
		B								3.53	89.66				
		C								4.53	115.06				
	8	STD.		0.88	22.23	1.00	25.40			1.53	38.86	1.63	41.40	1.65	41.91
		A								2.53	64.26				
		B								3.53	89.66				
		C								4.53	115.06				
	9	STD.		1.00	25.40	1.13	28.58			1.53	38.86	1.63	41.40	1.75	44.45
		A								2.53	64.26				
		B								3.53	89.66				
		C								4.53	115.06				
	10	STD.		1.13	28.58	1.25	31.75			1.53	38.86	1.63	41.40	1.90	48.26
		A								2.53	64.26				
		B								3.53	89.66				
		C								4.53	115.06				

Connector Group - L

90°, 45°



MIL Part Number
M85049 / 79-13 W 02

MIL Series: M85049
 Slash sheet: 79: 90deg, spin coupling; 78: 45deg, spin coupling
 Shell size: See Table-B
 Clamp size: See Table-B; Omit for 'STD'
 Finish: See Table-2

NOTE: * For more cable entry options, contact factory

TABLE - B														
MIL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE/CODE (REF.)	CABLE RANGE				A DIA. (MAX)		B (MAX)		C (MAX)		D (MAX)	
CONNECTOR SHELL SIZE	CLAMP SIZE		MIN		MAX		INCH	MM	INCH	MM	INCH	MM	INCH	MM
			INCH	MM	INCH	MM								
09	01	09 / A	0.06	1.57	0.13	3.18	0.75	19.05	0.46	11.68	3.15	80.01	0.69	17.53
	02		0.13	3.18	0.25	6.35								
11	01	11 / B	0.06	1.57	0.13	3.18	0.85	21.59	0.52	13.21	3.21	81.53	0.78	19.81
	02		0.13	3.18	0.25	6.35								
	03		0.25	6.35	0.38	9.53								
13	02	13 / C	0.13	3.18	0.25	6.35	1.00	25.40	0.58	14.73	3.27	83.06	0.80	20.32
	03		0.25	6.35	0.38	9.53								
	04		0.38	9.53	0.50	12.70								
15	02	15 / D	0.13	3.18	0.25	6.35	1.15	29.21	0.65	16.51	3.36	85.34	0.88	22.35
	03		0.25	6.35	0.38	9.53								
	04		0.38	9.53	0.50	12.70								
	05		0.50	12.70	0.63	15.88								
17	02	17 / E	0.13	3.18	0.25	6.35	1.25	31.75	0.74	18.80	3.47	88.14	0.93	23.62
	03		0.25	6.35	0.38	9.53								
	04		0.38	9.53	0.50	12.70								
	05		0.50	12.70	0.63	15.88								
	06		0.63	15.88	0.75	19.05								

Table Continued

Connector Group - L

90°, 45°

TABLE - B														
MIL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE/CODE (REF.)	CABLE RANGE				A DIA. (MAX)		B (MAX)		C (MAX)		D (MAX)	
CONNECTOR SHELL SIZE	CLAMP SIZE		MIN		MAX		INCH	MM	INCH	MM	INCH	MM	INCH	MM
			INCH	MM	INCH	MM								
19	03	19 / F	0.25	6.35	0.38	9.53	1.40	35.56	0.93	23.62	3.66	92.96	1.01	25.65
	04		0.38	9.53	0.50	12.70								
	05		0.50	12.70	0.63	15.88								
	06		0.63	15.88	0.75	19.05								
	07		0.75	19.05	0.88	22.23								
21	03	21 / G	0.25	6.35	0.38	9.53	1.55	39.37	0.93	23.62	3.66	92.96	1.06	26.92
	04		0.38	9.53	0.50	12.70								
	05		0.50	12.70	0.63	15.88								
	06		0.63	15.88	0.75	19.05								
	07		0.75	19.05	0.88	22.23								
	08		0.88	22.23	1.00	25.40								
23	03	23 / H	0.25	6.35	0.38	9.53	1.65	41.91	1.02	25.91	3.81	96.77	1.17	29.72
	04		0.38	9.53	0.50	12.70								
	05		0.50	12.70	0.63	15.88								
	06		0.63	15.88	0.75	19.05								
	07		0.75	19.05	0.88	22.23								
	08		0.88	22.23	1.00	25.40								
	19		1.00	25.40	1.13	28.58								
25	04	25 / J	0.38	9.53	0.50	12.70	1.85	46.99	1.02	25.91	3.81	96.77	1.18	29.97
	05		0.50	12.70	0.63	15.88								
	06		0.63	15.88	0.75	19.05								
	07		0.75	19.05	0.88	22.23								
	08		0.88	22.23	1.00	25.40								
	09		1.00	25.40	1.13	28.58								
	10		1.13	28.58	1.25	31.75								

Table Continued

Connector Group - L

90°, 45°

TABLE - B						
MIL PART NUMBER DESIGNATOR		CONNECTOR SHELL	E (MAX)		Y (MAX)	
CONNECTOR SHELL SIZE	CLAMP SIZE	SIZE/CODE (REF.)	INCH	MM	INCH	MM
09	01	09 / A	3.46	87.88	0.80	20.32
	02				1.00	25.40
11	01	11 / B	3.58	90.93	0.80	20.32
	02				1.00	25.40
	03				1.10	27.94
13	02	13 / C	3.60	91.44	1.00	25.40
	03				1.10	27.94
	04				1.20	30.48
15	02	15 / D	3.67	93.22	1.00	25.40
	03				1.10	27.94
	04				1.20	30.48
	05				1.25	31.75
17	02	17 / E	3.76	95.50	1.00	25.40
	03				1.10	27.94
	04				1.20	30.48
	05				1.25	31.75
	06				1.40	35.56
19	03	19 / F	3.93	99.82	1.10	27.94
	04				1.20	30.48
	05				1.25	31.75
	06				1.40	35.56
	07				1.50	38.10
21	03	21 / G	3.93	99.82	1.10	27.94
	04				1.20	30.48
	05				1.25	31.75
	06				1.40	35.56
	07				1.50	38.10
	08				1.65	41.91
23	03	23 / H	4.04	102.62	1.10	27.94
	04				1.20	30.48
	05				1.25	31.75
	06				1.40	35.56
	07				1.50	38.10
	08				1.65	41.91
	09				1.75	44.45
25	04	25 / J	4.04	102.62	1.20	30.48
	05				1.25	31.75
	06				1.40	35.56
	07				1.50	38.10
	08				1.65	41.91
	09				1.75	44.45
	10				1.90	48.26