

Connector Group - L

Straight

MIL Part Number
M85049 / 18 11 W 03 A

MIL Series ———

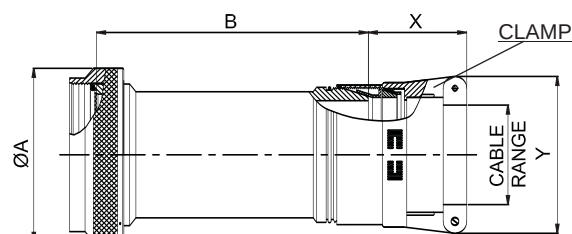
Slash sheet ———
 18: Straight, spin coupling

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		0.38	9.53	0.50	12.70			2.53	64.26	1.25	31.75	1.20	30.48
	04	B					3.53			89.66					
		STD.					1.53			38.86					
		A		0.50	12.70	0.63	15.88			2.53	64.26	1.31	33.27	1.25	31.75
		B					3.53			89.66					
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		0.38	9.53	0.50	12.70			2.53	64.26	1.25	31.75	1.20	30.48
	04	B					3.53			89.66					
		STD.					1.53			38.86					
		A		0.50	12.70	0.63	15.88			2.53	64.26	1.31	33.27	1.25	31.75
		B					3.53			89.66					
	05	STD.					1.53			38.86					
		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					

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								
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				