

For Connector Family L

38999 Series III, IV

Connector Family "L", includes MIL-DTL-38999 Series III and Series IV

MIL Part Number

M85049 / 19 11 W 03 A

MIL Series: M85049 / 19
 Slash Sheet: 19: Straight, Spin Coupling
 Shell Size: 11
 Length: 03
 Finish: A

Length: See Table-A (Omit for "STD")
 Clamp Size: See Table-A
 Finish: See Table-2 (pg. 486)

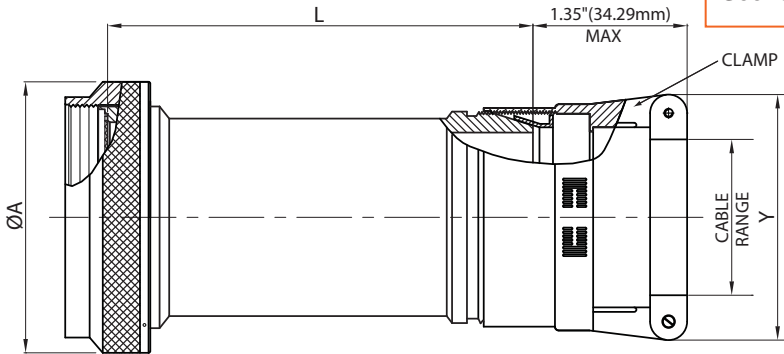


TABLE-A																	
MIL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE/ CODE (REF.)	CABLE RANGE				A DIA. (MAX)		L (MAX)		Y (MAX)					
CONNECTOR SHELL SIZE	CLAMP SIZE	LENGTH		MIN		MAX		INCH	MM	INCH	MM	INCH	MM				
				INCH	MM	INCH	MM										
9	01	STD.	09 / A	0.06	1.57	0.13	3.18	0.75	19.05	1.53	38.86	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						

Note: For more cable entry and length options, email: sales@backshellworld.com
 All dimensions for reference only.

TABLE CONTINUES ON NEXT PAGE

- 38999
- III
- HD
- Dualok
- II
- I
- SJT
- Accessories
- Aquacon
- Herm/Seal
- PCB
- High Speed
- Fiber Optics
- Contacts
- EMI Filter
- Transient
- 26482
- Matrix 2
- 83723
- III
- Matrix | Pyle
- 26500
- Pyle
- 5015
- Crimp Rear Release
- Matrix
- 22992
- Class L
- Back-Shells
- Options
- Others

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TABLE-A, cont.

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			1.10	27.94	1.53	38.86				
		A										2.53	64.26				
		B										3.53	89.66				
	04	STD.		0.31	7.92	0.50	12.70			1.20	30.48	1.53	38.86				
		A										2.53	64.26				
		B										3.53	89.66				
	05	STD.		0.44	11.10	0.63	15.88			1.25	31.75	1.53	38.86				
		A										2.53	64.26				
		B										3.53	89.66				
06	STD.	0.56	14.27	0.75	19.05	1.40	35.56	1.53	38.86								
	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			1.20	30.48	1.53	38.86				
		A										2.53	64.26				
		B										3.53	89.66				
	05	STD.		0.44	11.10	0.63	15.88			1.25	31.75	1.53	38.86				
		A										2.53	64.26				
		B										3.53	89.66				
	06	STD.		0.56	14.27	0.75	19.05			1.40	35.56	1.53	38.86				
		A										2.53	64.26				
		B										3.53	89.66				
07	STD.	0.69	17.45	0.88	22.23	1.50	38.10	1.53	38.86								
	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						
	04	STD.		0.31	7.92	0.50	12.70			1.20	30.48	1.53	38.86				
		A										2.53	64.26				
		B										3.53	89.66				
	05	STD.		0.44	11.10	0.63	15.88			1.25	31.75	1.53	38.86				
		A										2.53	64.26				
		B										3.53	89.66				
	06	STD.		0.56	14.27	0.75	19.05			1.40	35.56	1.53	38.86				
		A										2.53	64.26				
		B										3.53	89.66				
	07	STD.		0.69	17.45	0.88	22.23			1.50	38.10	1.53	38.86				
		A										2.53	64.26				
		B										3.53	89.66				
	08	STD.		0.81	20.62	1.00	25.40			1.65	41.91	1.53	38.86				
		A										2.53	64.26				
		B										3.53	89.66				
												4.53	115.06				

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- High Speed
- Contacts

- EMI Filter
- Transient

- Matrix 2
- 26482

- Matrix I/Pyle
- III
- 83723

- Pyle
- 26500

- Crimp Rear Release
- Matrix
- 5015

- Class I
- 22992

- Backshells

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- Options Others

TABLE-A, cont.

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										