

Fiber optic termini can be accommodated in any size 16 or size 20 contact cavity of MIL-DTL-38999 Series III type connector insert patterns, as listed in the following chart. For availability of fiber type, either multi-mode or single mode, see note at bottom of chart.

Shell Size/ Arrangement	Total Contacts	Contact Size							
		22D	Optic Termini Availability*		12	12 (Coax)	10 (Power)	8 (Coax)	8 (Twinax) ◆
			20	16					
09-94	2		2						
09-98	3		3						
11-02	2			2					
11-05	5		5						
11-98	6		6						
11-99	7		7						
13-04	4			4					
13-08	8		8						
13-13	4			2**	2				
13-98	10		10						
15-05	5			5					
15-15	15		14	1					
15-18	18		18						
15-19	19		19						
15-97	12		8	4					
17-08	8			8					
17-26	26		26						
17-99	23		21	2					
19-11	11			11					
19-28	28		26	2					
19-32	32		32						
21-16	16			16					
21-29	27		19	4	4				
21-39	39		37	2					
21-41	41		41						
23-21	21			21					
23-53	53		53						
23-54	53	40		9	4				
23-55	55		55						
25-04	56		48	8					
25-11***	11		2			9			
25-20***	30		10	13		4		3	
25-24	24			12	12				
25-26	25		16		5		4		
25-29	29			29					
25-37	37			37					
25-41	41	22	3	11		2		3	
25-43	43		23	20					
25-46	46		40	4			2†		
25-61	61		61						
25-90	46		40	4				2	
25-F4	66	49		13	4				

* Size 16 multi-mode and single mode fiber optic termini are readily available. For size 20 multi-mode termini consult Amphenol Aerospace for availability.
 ** Two size 16 contacts dedicated to fiber optics.
 *** For use in MIL-STD-1760 applications. See 38999 Series III section in this catalog.
 † For RG180/U and RG195/U cables only. Contact Amphenol for other cable applications.
 ◆ Size 8 coax and Twinax are interchangeable.
 For service ratings and performance of electrical contacts see 38999 Series III section in this catalog.

38999

III

HD

Dualok

II

I

SJT

Accessories

Aquacon

Herm/Seal

PCB

HIGH SPEED

Fiber Optics

Contacts
Connectors
Cables

EMI Filter
Transient

26482
Matrix 2

83723 III
Matrix | Pyle

26500
Pyle

5015
Crimp Rear
Release
Matrix

22992
Class I

Back-
Shells

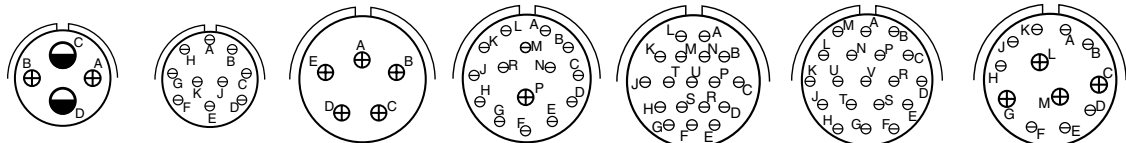
Options
Others

Multi-Channel Fiber Optic Circular (CF38999 Connector) Insert Arrangements

Front face of pin inserts illustrated

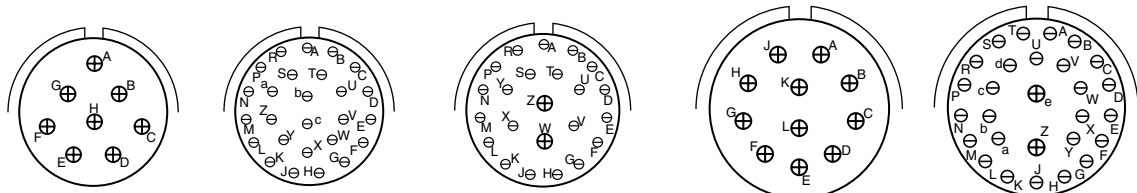


Insert Arrangement	09-94	09-98	11-02	11-05	11-98	11-99	13-04	13-08
Number of Contacts	2	3	2	5	6	7	4	8
Contact Size	20	20	16	20	20	20	16	20

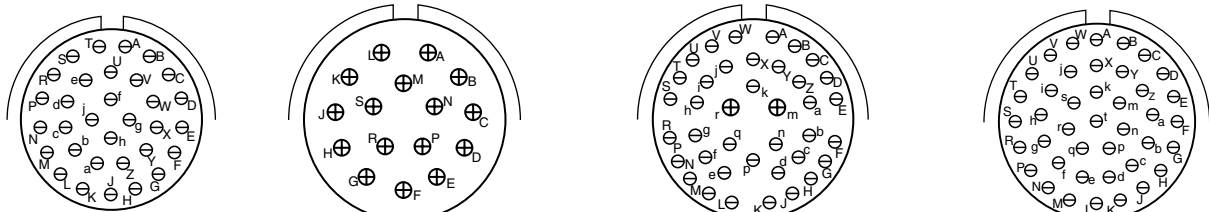


Insert Arrangement	13-13	13-98	15-05	15-15	15-18	15-19	15-97			
Number of Contacts	2	2	10	5	14	1	18	19	8	4
Contact Size	16	12	20	16	20	20	20	20	20	16

Dedicated to
Fiber Optics



Insert Arrangement	17-08	17-26	17-99	19-11	19-28		
Number of Contacts	2	26	21	2	11	26	2
Contact Size	16	20	20	16	16	20	16



Insert Arrangement	19-32	21-16	21-39	21-41	
Number of Contacts	32	16	37	2	41
Contact Size	20	16	20	16	20



38999

- III
- HD
- Dualok
- II
- I
- SJT
- Accessories
- Aquacon
- Herm/Seal
- PCB

- HIGH SPEED**
- Fiber Optics
- Contacts
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EMI Filter
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26482
Matrix 2

83723 III
Matrix | Pyle

26500
Pyle

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Crimp Rear
Release
Matrix

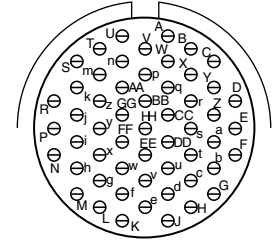
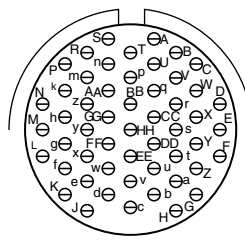
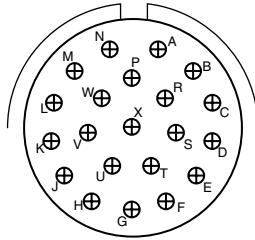
22992
Class 1

Back-
Shells

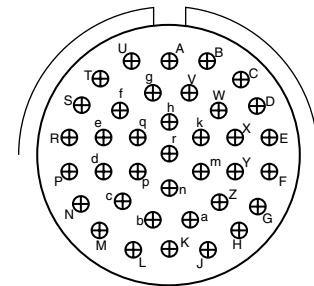
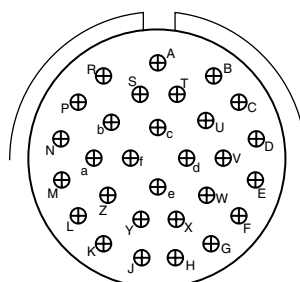
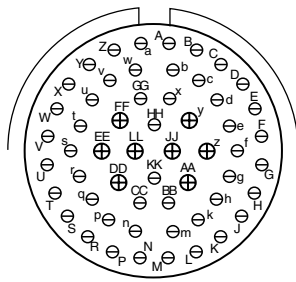
Options
Others

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- III
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- Herm/Seal
- PCB

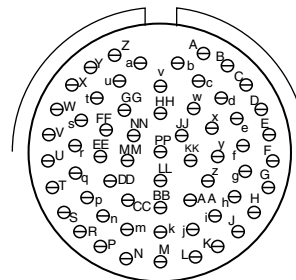
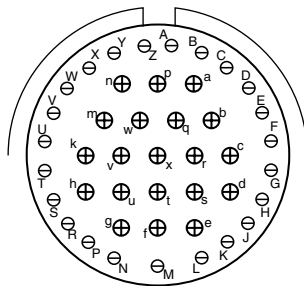
Front face of pin inserts illustrated



Insert Arrangement	23-21	23-53	23-55
Number of Contacts	21	53	55
Contact Size	16	20	20



Insert Arrangement	25-04	25-29	25-37
Number of Contacts	48 6	29	37
Contact Size	20 16	16	16



Insert Arrangement	25-43	25-61
Number of Contacts	23 20	61
Contact Size	20 16	20

- HIGH SPEED**
- Fiber Optics
- Contacts
- Connectors
- Cables

- EMI Filter
- Transient

- 26482
- Matrix 2

- 83723 III
- Matrix | Pyle

- 26500
- Pyle

- 5015
- Crimp Rear Release Matrix

- 22992
- Class 1

- Back-Shells

- Options
- Others

***For use in MIL-STD-1760 applications. See 38999 Series III section in this catalog.
 † 12 Coax Contacts can be Matched Impedance or Power

