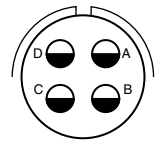
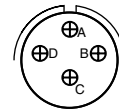
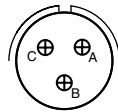


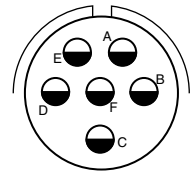
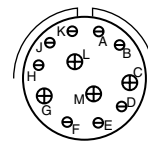
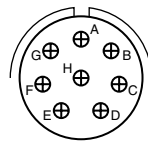
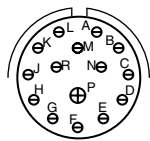
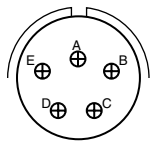
Insert Arrangements-MIL-DTL-38999

Incorporating Coax, Twinax and Triax Contacts

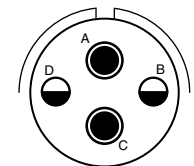
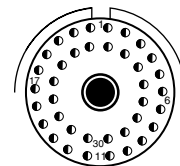
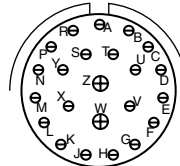
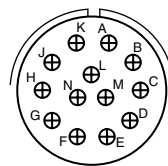
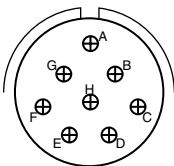
Front face of pin inserts illustrated



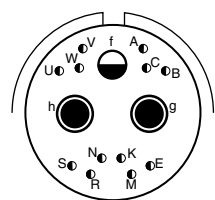
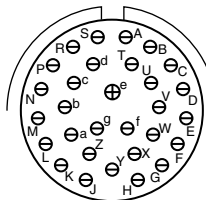
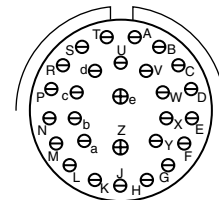
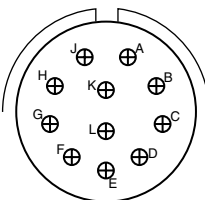
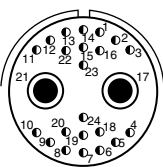
Insert Arrangement	9-5	10-2	11-2	12-3	13-3	12-4	13-4	14-4	15-4
Connector Series	TV	SJT	LJT, TV	JT	LJT	JT, SJT	LJT, TV	JT	LJT
Service Rating	Grounded	I		II		I		I	
Number of Contact	1	2		3		4		4	
Contact Size	8 Twinax	16		16		16		16	12



Insert Arrangement	14-5	15-5	14-15	15-15	14-68	15-68	14-97	15-97	16-6	17-6
Connector Series	JT, SJT	LJT, TV	JT, SJT	LJT, TV	JT	LJT	JT, SJT	LJT, TV	JT, SJT	LJT, TV
Service Rating	II		I		I		I		I	
Number of Contact	5		14	1	8		8	4		6
Contact Size	16		20	16	16		20	16		12



Insert Arrangement	16-8	17-8	16-13	17-13	16-99	17-99	17-2	17-22
Connector Series	JT, SJT	LJT, TV	JT, SJT	LJT	JT, SJT	LJT, TV	LJT	TV
Service Rating	II		I		I		M	Coax
Number of Contact	8		13		21	2	38	1
Contact Size	16		16		20	16	22D	8



Insert Arrangement	17-25	18-11	19-11	18-28	19-28	18-30	19-30	19-31
Connector Series	LJT	JT, SJT	LJT, TV	JT	LJT	JT	LJT	TV
Service Rating	M		II		I		I	M
Number of Contact	22	2	11	26	2	29	1	2
Contact Size	22D	8	16	20	16	20	16	8

The insert arrangements shown on this page and the next page represent the most readily available patterns within the 38999 Circular Series. Contact Amphenol if you require other arrangements than what are shown here. Size 8 and size 12 cavities can be filled with either coax, twinax, triax or power contacts in most cases.

CONTACT LEGEND

8	10	12	16	20	22D
Coax, Twinax Triax or Power	Twinax, Triax, or Power	Coax, Twinax, Triax or Power	Coax or Power	Power	Power

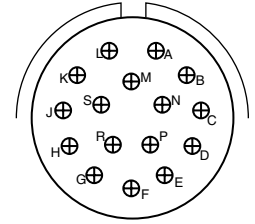
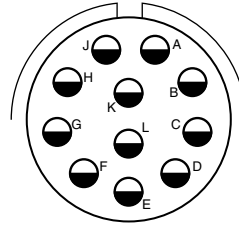
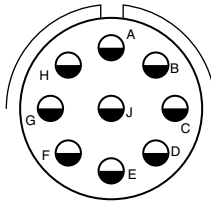
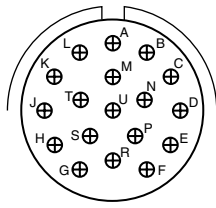
Insert Arrangements

Coax, Twinax, Triax

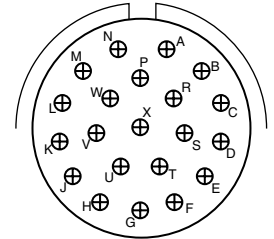
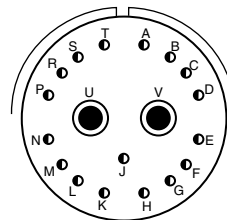
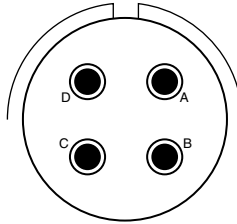
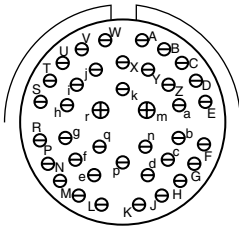
Insert Patterns-MIL-DTL-38999

Incorporating Coax, Twinax and Triax Contacts

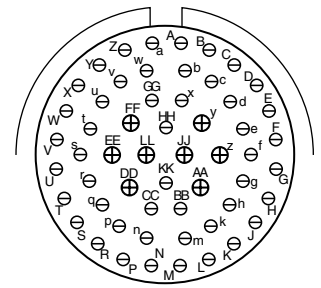
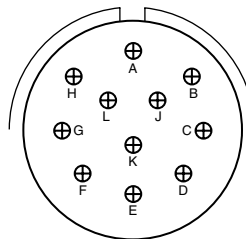
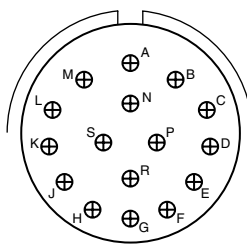
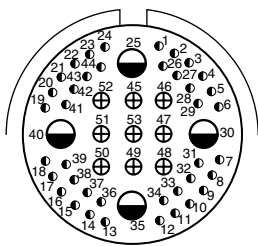
Front face of pin inserts illustrated



Insert Arrangement	18-68	19-68	18-96	20-11	21-11	20-16	21-16
Connector Series	JT	LJT	JT	JT, SJT	LJT, TV	JT, SJT	LJT, TV
Service Rating	I		I	I		II	
Number of Contact	18		9	11		16	
Contact Size	16		12	12		16	



Insert Arrangement	20-39	21-39	20-75	21-75	20-79	21-79	22-21	23-21
Connector Series	JT, SJT	LJT, TV	SJT	LJT, TV	SJT	LJT	JT, SJT	LJT, TV
Service Rating	I		M		II		II	
Number of Contact	37	2	4		17		21	
Contact Size	20	16	8		22D		16	



Insert Arrangement	23-54			23-97	23-99	24-4	25-4
Connector Series	TV			LJT	LJT	JT, SJT	LJT, TV
Service Rating	M			II	II	I	
Number of Contact	40	9	4	16	11	48	8
Contact Size	22D	16	12	16	16	20	16

CONTACT LEGEND

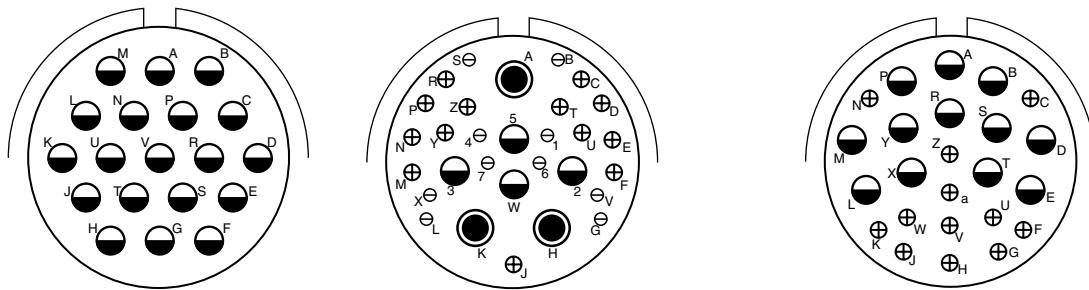
8	10	12	16	20	22D
Coax, Twinax, Triax or Power	Twinax, Triax, or Power	Coax, Twinax, Triax or Power	Coax or Power	Power	Power

Coax, Twinax, Triax

Insert Arrangements

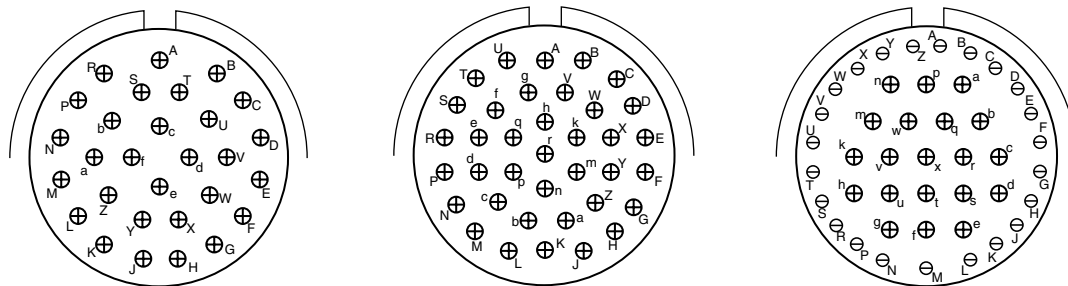
Insert Patterns-MIL-DTL-38999

Incorporating Coax, Twinax and Triax Contacts

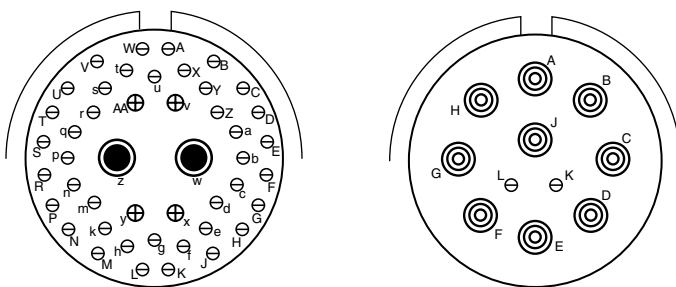


Insert Arrangement	24-19	25-19	24-20		25-20*		24-24	25-24
Connector Series	JT, SJT	LJT, TV	SJT		LJT, TV		JT, SJT	LJT, TV
Service Rating	I		N					
Number of Contact	19		10	13	3	4	12	12
Contact Size	12		20	16	8	12	16	12

(Locations U and Y -
Dedicated to Fiber Optics)



Insert Arrangement	24-29	25-29	24-37		25-37		24-43	25-43
Connector Series	JT, SJT	LJT, TV	JT, SJT		LJT, TV		JT, SJT	LJT, TV
Service Rating	I		I					
Number of Contact	29		37		23		20	
Contact Size	16		16		20		16	



Insert Arrangement	24-46	25-46		25-11*		
Connector Series	SJT	LJT, TV		LJT, TV		
Service Rating	I		N			
Number of Contact	40	4	2	2	9	
Contact Size	20	16	8	20	10	

* For use in MIL-STD-1760 applications with MIL-DTL-38999 Series III.

CONTACT LEGEND

