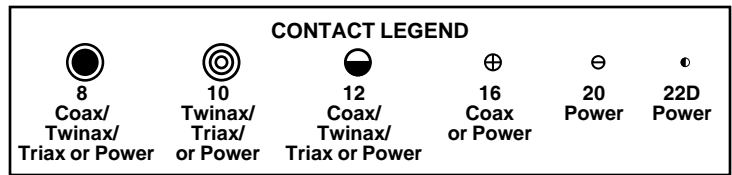


Insert Patterns - Subminiature Cylindricals

Incorporating coax, twinax and triax contacts

The following pages show the most popular insert arrangements within the Subminiature Cylindrical Connector Family. See page 11 for Subminiature Connector descriptions and for reference to detailed connector catalogs. This illustrated listing represents the most readily available patterns within the Subminiature Series. If you require other arrangements than what are shown here, consult Amphenol for further availability. In most cases, unless otherwise stated, size 8 and size 12 cavities can be filled with either coax, twinax, triax or power 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	
Available in 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		12		
Insert Arrangement	14-5	15-5	14-15	15-15	14-68	15-68	14-97	15-97	16-6	17-6
Available in 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		
Available in Connector Series	JT, SJT	LJT, TV	JT, SJT	LJT	JT, SJT	LJT, TV	LJT	TV	LJT	TV
Service Rating	II		I		I		M		Coax	
Number of Contact	8		13		21	2	38	1	2	2
Contact Size	16		16		20	16	22D	8	12	8
Insert Arrangement	17-25	18-11	19-11	18-28	19-28	18-30	19-30	19-31		
Available in 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	1	12
Contact Size	22D	8	16	20	16	20	16	8	12	22D

Insert Patterns - Subminiature Cylindricals

Incorporating coax, twinax and triax contacts

CONTACT LEGEND					
8 Coax/ Twinax/ Triax or Power	10 Twinax/ Triax/ or Power	12 Coax/ Twinax/ Triax or Power	16 Coax or Power	20 Power	22D Power

front face of pin inserts illustrated

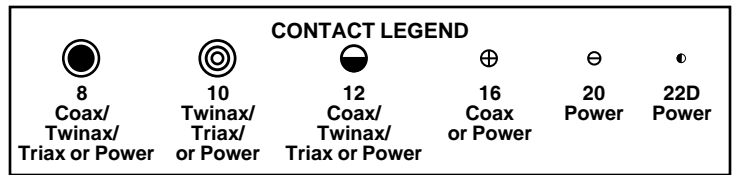
Insert Arrangement	18-68	19-68	18-96	20-11	21-11	20-16	21-16
Available in Connector Series	JT	LJT	JT	JT, SJT	LJT, TV	JT, SJT	LJT, TV
Service Rating	I	I	I	I	I	II	II
Number of Contact	18	18	9	11	11	16	16
Contact Size	16	16	12	12	12	16	16

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

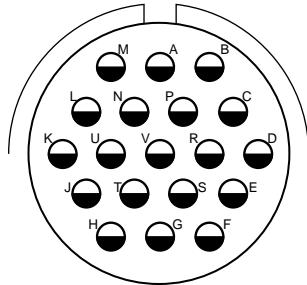
Insert Arrangement	23-54	23-97	23-99	24-4	25-4
Available in Connector Series	TV	LJT	LJT	JT, SJT	LJT, TV
Service Rating	M	II	II	I	I
Number of Contact	40	9	4	48	8
Contact Size	22D	16	12	20	16

Insert Patterns - Subminiature Cylindricals

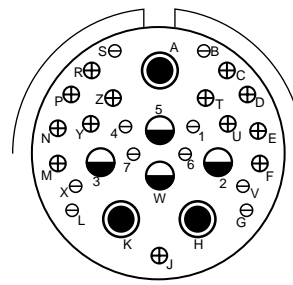
Incorporating coax, twinax and triax contacts



front face of pin inserts illustrated

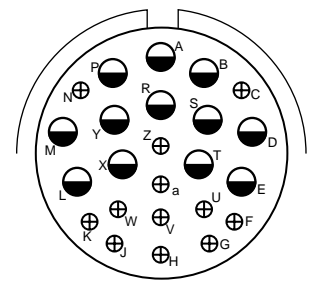


Insert Arrangement	24-19	25-19
Available in Connector Series	JT, SJT	LJT, TV
Service Rating	I	
Number of Contact	19	
Contact Size	12	

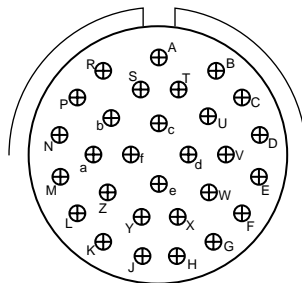


Insert Arrangement	24-20	25-20*
Available in Connector Series	SJT	LJT, TV
Service Rating	N	
Number of Contact	10 13	3 4
Contact Size	20 16	8 12

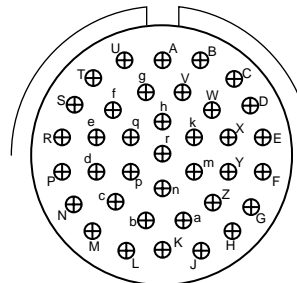
(Locations U and Y - Dedicated to Fiber Optics)



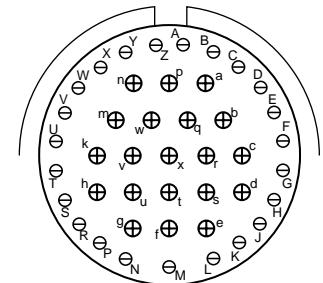
Insert Arrangement	24-24	25-24
Available in Connector Series	JT, SJT	LJT, TV
Service Rating	I	
Number of Contact	12	12
Contact Size	16	12



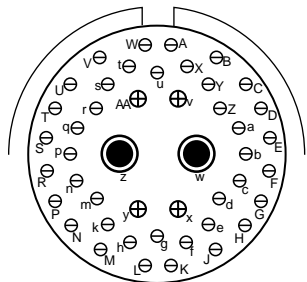
Insert Arrangement	24-29	25-29
Available in Connector Series	JT, SJT	LJT, TV
Service Rating	I	
Number of Contact	29	
Contact Size	16	



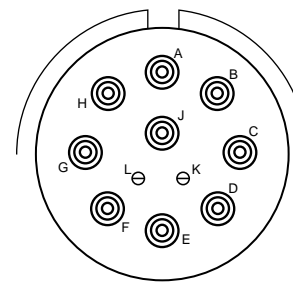
Insert Arrangement	24-37	25-37
Available in Connector Series	JT, SJT	LJT, TV
Service Rating	I	
Number of Contact	37	
Contact Size	16	



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



Insert Arrangement	24-46	25-46
Available in Connector Series	SJT	LJT, TV
Service Rating	I	
Number of Contact	40	4 2
Contact Size	20 16	8



Insert Arrangement	25-11*
Available in Connector Series	LJT, TV
Service Rating	N
Number of Contact	2 9
Contact Size	20 10

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