SuperNine® Hermetic connectors

MIL-DTL-38999 Series III Type

Special shielded contact arrangement table

Arrangement No. (See Notes)	Size 22	Cont Type	Size 20	Cont Type	Size 16	Cont Type	Size 12	Cont Type	Size 8	Cont Type
11-2	---	---	---	---	2	Coax	---	---	---	---
13-4	---	---	---	---	4	Coax	---	---	---	---
15-15	---	---	14	S/P	1	Coax	---	---	---	---
15-21	17	S/P	3	S/P	---	---	1	Coax	---	---
15-97	---	---	8	S/P	4	Coax	---	---	---	---
17-2*	38	S/P	---	---	---	---	---	---	---	Twinax
17-3*	38	S/P	---	---	---	---	---	---	1	Twinax
17-6	---	---	---	---	---	---	6	Coax	---	---
17-8	---	---	---	---	8	Coax	---	---	---	---
17-11	---	---	8	S/P	---	---	3	Coax	---	---
17-99	---	---	21	S/P	2	Coax	---	N/A	---	---
19-11	---	---	---	---	11	Coax	---	---	---	---
19-19	14	S/P	---	---	---	---	---	---	4	Twinax
19-28	---	---	26	S/P	2	Coax	---	---	---	---
19-30	---	---	29	S/P	1	Coax	---	---	---	---
21-11	---	---	---	---	---	---	11	Coax	---	---
21-16	---	---	---	---	16	Coax	---	---	---	---
21-29	---	---	19	S/P	4	S/P	4	Coax	---	---
21-39	---	---	37	S/P	2	Coax	---	---	---	---
21-75**	---	---	---	---	---	---	---	---	4	Twinax
21-76**	---	---	---	---	---	---	---	---	4	Twinax
23-21	---	---	---	---	21	Coax	---	---	---	---
23-97	---	---	---	---	---	---	---	---	---	---
23-99	---	---	---	---	---	---	---	---	---	---
25-4	---	---	48	S/P	8	Coax	---	---	---	---
25-7\\	97	S/P	---	---	---	---	---	---	2	Twinax
25-8+	---	---	---	---	---	---	---	---	8	Twinax
25-9\\	97	S/P	---	---	---	---	---	---	2	Twinax
25-10+	---	---	---	---	---	---	---	---	8	Twinax
25-19	---	---	---	---	---	---	19	Coax	---	---
25-20^	---	---	10	S/P	13	S/P	4	Coax	3	Twinax
25-21^	---	---	10	S/P	13	S/P	4	Coax	3	Twinax
25-24	---	---	12	S/P	12	Coax	---	---	---	---
25-29	---	---	---	---	29	Coax	---	---	---	---
25-37	---	---	---	---	37	Coax	---	---	---	---
25-43	---	---	23	S/P	20	Coax	---	---	---	---
25-46@	---	---	40	S/P	4	S/P	---	---	2	Coax
25-47@	---	---	40	S/P	4	S/P	---	---	2	Coax
25-90#	---	---	40	S/P	4	S/P	---	---	2	Twinax
25-91#	---	---	40	S/P	4	S/P	---	---	2	Twinax

Notes

1. S/P = signal/power contacts (non-RF type).
2. Arrangements are per MIL-STD-1560, and contact types are per the standard, or specified option. #16 contacts are only available as coax. Consult factory for other contact options.
3. Arrangements marked with like symbols (I.E. 17-2* and 17-3*) are identical. Contact sealing boots are different for environmental connectors

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Dimensions in Inches (millimeters) are subject to change without notice.

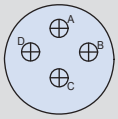
SuperNine® Hermetic connectors

MIL-DTL-38999 Series III Type

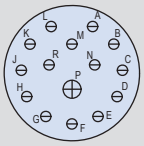
Special shielded contact arrangements

Contact Legend
#22D #16
#20 #12
#8

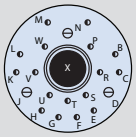
Insert Arrangement	11-2
Contact Size	#16
No. of Contacts	2
Service Rating	Coax



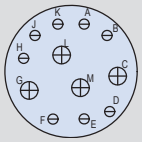
Insert Arrangement	13-4
Contact Size	#16
No. of Contacts	4
Service Rating	Coax



Insert Arrangement	15-15	
Contact Size	#16	#20
No. of Contacts	1	14
Service Rating	Coax	I

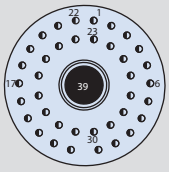


Insert Arrangement	15-21		
Contact Size	#12	#20	#22D
No. of Contacts	1	3	17
Service Rating	Coax	I	

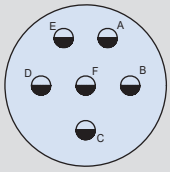


Insert Arrangement	15-97	
Contact Size	#16	#20
No. of Contacts	4	8
Service Rating	Coax	I

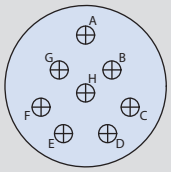
Contact Legend
#22D #16
#20 #12
#8



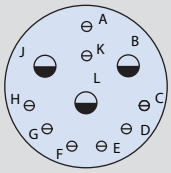
Insert Arrangement	17-2 and 17-3	
Contact Size	#22D	#8
No. of Contacts	38	1
Service Rating	M	Twinax



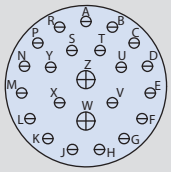
Insert Arrangement	17-6
Contact Size	#12
No. of Contacts	6
Service Rating	Coax



Insert Arrangement	17-8
Contact Size	#16
No. of Contacts	8
Service Rating	Coax

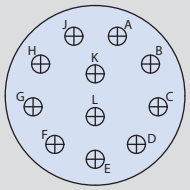


Insert Arrangement	17-11	
Contact Size	#12	#20
No. of Contacts	3	8
Service Rating	Coax	N

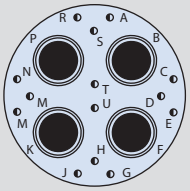


Insert Arrangement	17-99	
Contact Size	#16	#20
No. of Contacts	2	21
Service Rating	Coax	I

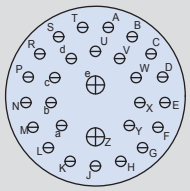
Contact Legend
#22D #16
#20 #12
#8



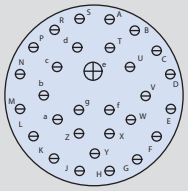
Insert Arrangement	19-11
Contact Size	#16
No. of Contacts	11
Service Rating	Coax



Insert Arrangement	19-19	
Contact Size	#8	#22D
No. of Contacts	4	14
Service Rating	Twinax	M

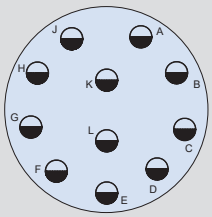


Insert Arrangement	19-28	
Contact Size	#16	#20
No. of Contacts	2	26
Service Rating	Coax	I

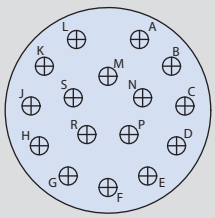


Insert Arrangement	19-30	
Contact Size	#16	#20
No. of Contacts	1	29
Service Rating	Coax	I

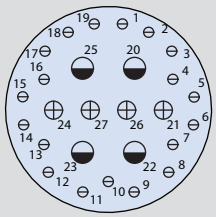
Contact Legend
#22D #16
#20 #12
#8



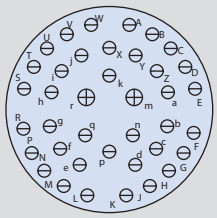
Insert Arrangement	21-11
Contact Size	#12
No. of Contacts	11
Service Rating	Coax



Insert Arrangement	21-16
Contact Size	#16
No. of Contacts	16
Service Rating	Coax



Insert Arrangement	21-29		
Contact Size	#12	#16	#20
No. of Contacts	4	4	19
Service Rating	Coax	I	



Insert Arrangement	21-39	
Contact Size	#16	#20
No. of Contacts	2	37
Service Rating	Coax	I

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