

**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

## MIL-DTL-38999 Series III Type Special shielded contact arrangements

HERMETIC CONNECTORS

<b>Contact Legend</b> #22D • #16 ⊕ #20 ⊖ #12 ⊖ #8 ●										
	Insert Arrangement	11-2	13-4	15-15		15-21			15-97	
	Contact Size	#16	#16	#16	#20	#12	#20	#22D	#16	#20
	No. of Contacts	2	4	1	14	1	3	17	4	8
Service Rating	Coax		Coax		Coax		Coax			

<b>Contact Legend</b> #22D • #16 ⊕ #20 ⊖ #12 ⊖ #8 ●								
	Insert Arrangement	17-2 and 17-3	17-6	17-8	17-11		17-99	
	Contact Size	#22D #8	#12	#16	#12	#20	#16	#20
	No. of Contacts	38 1	6	8	3	8	2	21
Service Rating	M Twinax	Coax	Coax	Coax	N	Coax	I	

<b>Contact Legend</b> #22D • #16 ⊕ #20 ⊖ #12 ⊖ #8 ●								
	Insert Arrangement	19-11	19-19		19-28		19-30	
	Contact Size	#16	#8 #22D	#16	#20	#16	#20	
	No. of Contacts	11	4 14	2	26	1	29	
Service Rating	Coax	Twinax M	Coax		Coax			

<b>Contact Legend</b> #22D • #16 ⊕ #20 ⊖ #12 ⊖ #8 ●								
	Insert Arrangement	21-11	21-16	21-29			21-39	
	Contact Size	#12	#16	#12	#16	#20	#16	#20
	No. of Contacts	11	16	4	4	19	2	37
Service Rating	Coax		Coax			Coax		