

Contact Arrangements (Face View Pin Insert)

LEGEND

- Resilient only
- ▲ Resilient & Plastic

⌀ High Volume Layouts - readily available from Cannon Distributors

Shell Size	8S-1	10S-2	10SL-4	10SL-3	10SLA4	12S-4	12-5	12S-3	12SA10	14-3	14S-9
No. of Contacts	1 #16	1 #16	2 #16	3 #16	5 #20	1 #16	1 #12	2 #16	4 #16	1 #8	2 #16
Service Rating	A	A	A	A	A	D	D	A	Inst.	A	A
Shell Size	14S-1	14S-7	14S-2	14S-5	14S-6	16-12	16-11	16S-4		16-13	
No. of Contacts	3 #16	3 #16	4 #16	5 #16	6 #16	1 #4	2 #12	2 #16		2 #12	(A-Iron B-Constantan)
Service Rating	A	A	Inst.	Inst.	Inst.	A	A	D		A	
Shell Size	16S-5	16S-6	16-10	16-9	16S-8	16S-1	18-7	18-3			
No. of Contacts	3 #16	3 #16	3 #12	2 #16 (B,D) 2 #12 (A,C)	5 #16	7 #16	1 #8	2 #12			
Service Rating	A	A	A	A	A	A	B	D			
Shell Size	18-5	18-22	18-4	18-10	18-13	18-15	18-11	18-12			
No. of Contacts	1 #16(A) 2 #12(B,C)	3 #16	4 #16	4 #12	3 #12 (B,C,C) 1 #8(A)	4 #12 (A, C-Iron; B, D-Constantan)	5 #12	6 #16			
Service Rating	D	D	D	A	A	A	A	A			
Shell Size	18-9	18-8	18-1	18-19	20-2	20-23	20-3	20-19			
No. of Contacts	5 #16(B,C,E-G) 2 #12(A,D)	7 #16(A-G) 1 #12(H)	10 #16	10 #16	1 #0	2 #8	3 #12	3 #8			
Service Rating	Inst.	A	A(B,C,F,G) Inst. (all others)	A	D	A	D	A			
Shell Size	20-4	20-24	20A37	20-14	20-8	20-17	20-22	20-15			
No. of Contacts	4 #12	2 #16 (A,C) 2 #8 (B,D)	ITT Cannon pos. #8 of 20-4	3 #12(C,D,E) 2 #8(A,B)	4 #16(B,C,E,F) 2 #8(A,D)	1 #16(F) 5 #12(A-E)	3 #16(B,D,F) 3 #8(A,C,E)	7 #12			
Service Rating	D	A	D	A	Inst.	A	A	A			

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Shell Size	20-7	20-16	20-18	20-33	20-11	20-27	20-29	22-7
No. of Contacts	8 #16	7 #16(A-G) 2 #12(H,I)	6 #16(A,C-E,G,H) 3 #12(B,F,I)	11 #16	13 #16	14 #16	17 #16	1 #0
Service Rating	A(C-F) D(A,B,G,H)	A	A	A	Inst.	A	A	E
Shell Size	22-11	22-2	22-6	22-9	22-4	22-10	22-22	22-12
No. of Contacts	2 #16	3 #8	1 #16(B) 2 #8(A,C)	3 #12	2 #12(A,C) 2 #8(B,D)	4 #16	4 #8	3 #16(A,C,D) 2 #8(B,E)
Service Rating	B	D	D	E	A	E	A	D
Shell Size	22-13	22-5	22-15	22-28	22-18	22-23	22-17	22-20
No. of Contacts	1 #16(E) 4 #12(A-D)	4 #16(A,C,D,F) 2 #12(B,E)	1 #16(D) 5 #12(A-C,E,F) A(A-C,E,F),E(D)	7 #12	8 #16	8 #12	8 #16(A-D,F-J) 1 #12(E)	9 #16
Service Rating	A(A-D), D(E)	D	A	A	A(C-E) D(all others)	D(H) A(all others)	D(A), A(all others)	A
Shell Size	22-27	22-19	22-14	24-9	24-22	24-12	24-2	24-10
No. of Contacts	8 #16(A-H) 1 #8(J)	14 #16	19 #16	2 #4	4 #8	3 #12(B,D,E) 2 #4(A,C)	7 #12	7 #8
Service Rating	D(J), A (all others)	A	A	A	D	A	D	A
Shell Size	24-27	24-6	24-11	24-20	24-19	24A24	24-5	24-7
No. of Contacts	7 #16	8 #12	6 #12(A-C,G-I) 3 #8(D-F)	9 #16(A-D,G-L) 2 #12(E,F)	12 #16 6 #12(B-G)	12 #12	16 #16	14 #16(A-M,O) 2 #12(P,N)
Service Rating	E	D(A,G,H) A(all others)	A	D	A	A	A	A

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Shell Size	24-28	28-7	28-22	28-10	28-1	28A16	28-19
No. of Contacts	24 #16	2 #4	3 #16(D-F) 3 #4(A-C)	3 #12(A,F,G) 2 #8(B,E) 2 #4(C,D)	6 #12(A,B,D-F,H) 3 #8(C,J,G)	5 #16(A,D-F,J) 4 #4(B,C,G,H)	6 #16(A-C,H,L,M) 4 #12(E,G,J,K)
Service Rating	Inst.	D	D	D(G), A(all others)	D(A,E,J) A(all others)	A	A(C,E,G,J,K,L) B(H,M),D(A,B)

Shell Size	28-9	28-2	28-20	28-17	28-16	28-11	28-12
No. of Contacts	6 #16(A,H-M) 6 #12(B-G)	12 #16(A,L,N) 2 #12(M,P)	4 #16(K-N) 10 #12(A-J,P)	15 #16	20 #16	18 #16(A-I, N-X) 4 #12(J-M)	26 #16
Service Rating	D	D	A	A(A-L), B(R) D(M-P)	A	A	A

Shell Size	28-15	28-21	28A51	32-17	32-1	32-15	32-9
No. of Contacts	35 #16	37 #16	43 #16	4 #4	3 #12(A,C,D) 2 #0(B,E)	2 #0(A,G) 6 #12(B,C,D,E,F,H)	12 #16(C-N) 2 #4(A,B)
Service Rating	A For MIL equip design, use 28-21	A	A	D	E(A),D(all others)	D	D

Shell Size	32-6	32-8	32-7	32A47	32A10	36-4
No. of Contacts	16 #16(A-O,S) 2 #12(U,V) 3 #8(P,R,T) 2 #4(W,X)	24 #16(A-L,T-Z,a-e) 6 #12(M-S) 2 #8(O,R)	28 #16(A-N,W-Z,a-k) 7 #12(O-V)	47 #16	54 #16	3 #0
Service Rating	A	A For new MIL equip. design, use 32-7	Inst. (A,B,h,j) A(all others)	A	A	A(B,C),C(A)

*NOTE: Additional layouts are the same as shown but in unique alternate positions. Please consult the factory.

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† Grommet not available. Consult factory for ordering connectors with this arrangement.

Shell Size	36-5	36-6	36-14	36A16	36A46	36-9
No. of Contacts	4 #0	4 #4(B,C,E,F) 2 #0(A,D)	6 #16(K-N,P,Q) 5 #12(B,D,F,H,J) 5 #8(A,C,E,G,I)	18 #12 (B,C,V,J,K,M,N, R, T-Iron; A,D-F,H,L P,S,U-Constantan)	27 #12	14 #16(A-G,Z-f) 14 #12(H-N,S-Y) 2 #8(O,R) 1 #4(P)
Service Rating	A	A	D	A	A	A

Shell Size	36-15	36-7	36-8	36-10	36A34	36A66
No. of Contacts	35 #16	40 #16(A-Z,a-s) 7 #12(t-z)	46 #16(A-X,Z-z) 1 #12(Y)	48 #16	52 #16	52 #16(A-c,h-AK) 4 #12(d,e,f,g)
Service Rating	D(m), A (all others)	A	A	A	A	A

Shell Size	40A33	40-10	40A27	40-56
No. of Contacts	7 #8(G-N) 6 #4(A-F)	16 #16(A,B,E-H,M,N,P Q,V-Y,b,c) 9 #8(C,D,I,L,O,R,U,Z,a) 4 #4(K,J,S,T)	60 #16	85 #16
Service Rating	A	A	A	A

Shell Size	44-1	48-5
No. of Contacts	36 #16(A-S,Z-t) 6 #12(T-Y)	90 #16(A-BL,BN-BT,BW,BX) 1 #8(CD) 9 #12(BM,BU,BV,BY-CC,CE)
Service Rating	D	A