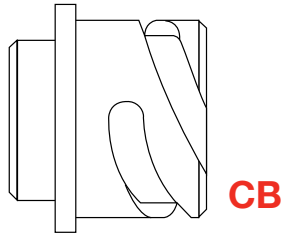
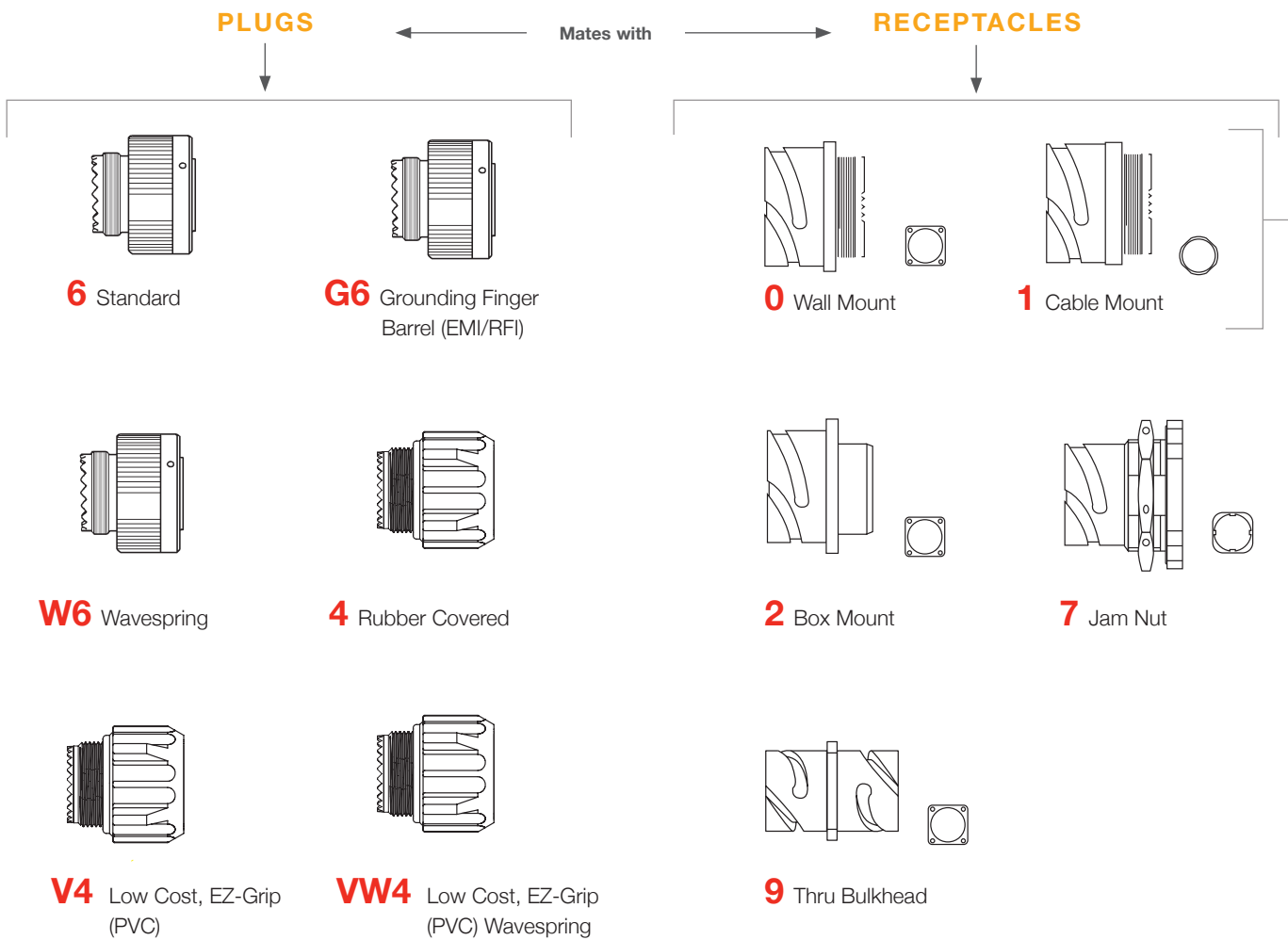


CREATE PART NUMBER								
1	2	3	4	5	6	7	8	9
CB	6	E		10SL-3	P		S	
CONNECTOR TYPE	SHELL STYLE	ENDBELLS (If omitting endbell, enter -)	CABLE CLAMP/BOOT (If needed)	LAYOUT	CONTACT	POSITION (omit for normal)	CONTACT TYPE	PLATING

STEP 1: SELECT CONNECTOR TYPE



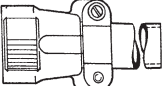
STEP 2: SELECT SHELL STYLE, PLUG OR RECEPTACLE




V4 and VW4 = for shell sizes 10S, 12S, 14S, 16S, 18, 20, 22 and 24

STEP 3: CHOOSE ENDBELLS

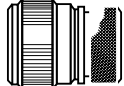
⇒ See "Endbells" on pages 101-103 for a description of each endbell.



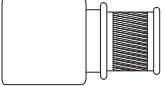
E
Standard Clamp (MS)




R
No Clamp (MS)



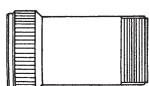
N
Heat Shrink




U/D
Low Cost for Shielded for Unshielded Cable
U - potted (preferred)
D - uses grommets and ferrules



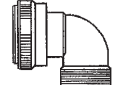
M
Shielded Cable




L
Long Extender




F
Standard Extender



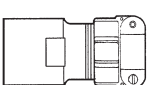
T
90° (MS)



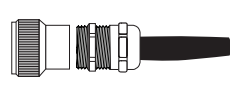
TP
Right Angle Endbell



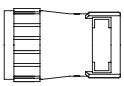
P
Potting (MS)



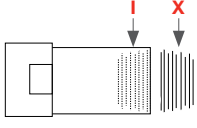
J
Gland Seal



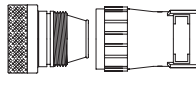
PG[▲]
Low Cost Gland Seal



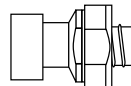
PMA[▲]
Conduit
⇒ see pages 202-203



NPT (I OR X)[▲]
I - Internal thread version
X - External thread version



PME[▲]
Shielded Conduit
⇒ see pages 202-203




ST[▲]
Conduit

Mates with

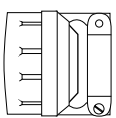
STEP 4: CHOOSE CABLE CLAMPS (IF APPLICABLE)

For Endbell Types: **N U/D M**

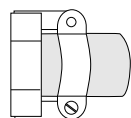
For Endbell Types: **L F T**



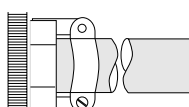
Heat Shrink Boot
⇒ See pages 196-201



C
MS-3057-C



A
MS-3057-A



9767[▲]

STEP 5: CHOOSE LAYOUT

⇒ See pages 76-89

STEP 6: CHOOSE CONTACT

P = Pin **S** = Socket **PS** = Style 9 only

STEP 7: CHOOSE ROTATION

⇒ See pages 81-89

W **X** **Y** **Z**

STEP 8: CHOOSE CONTACT TYPE

S = Solder **H** = PC**
C = Crimp* **O** = Less contacts

STEP 9: CHOOSE PLATING

CONTACTS:

Omit for silver contacts

SHELLS

Omit for standard***

AU = Gold

A34 = Bright Nickel 48 hr Salt Spray (RoHS, conductive, CB Series only)

A232 = Black Zinc Cobalt 200 hr Salt Spray (RoHS, non-conductive, CB Series only)

A233 = Green Zinc Cobalt 200 hr Salt Spray (RoHS, conductive, CB Series only)

A239 = Black Zinc Cobalt 48 hr Salt Spray (RoHS, conductive, CB Series only)

A240 = Blue Zinc Nickel 500 hr Salt Spray (RoHS, conductive, CB Series only)

* When using a "C" in part number, the connector is supplied with the standard size crimp contacts for its layout (part number marked with "G#" in crimp Contact Selection Chart on ⇒ pages 90-91. If reduced or enlarged crimp contacts are required, specify connector 0 (less contacts) and order contacts separately.

** Contact us for PC post diameters and lengths. Available for 16S, 16 and 12 size contacts.

▲ Contact us with NPT thread size, Sealtite conduit diameter or cable OD for D, NPT, ST, PG or endbell part number.

***CB = Olive drab chromate over cadmium.

LAYOUTS BY NUMBER OF CONTACTS

Key ▼ = CA/MS ● = CB View from mating face of pin insulator (* = most popular layouts)
 (socket view is opposite)

1 CONTACT

LAYOUT	8S-1	10S-2	12S-4	12-5	14S-4	16-12	18-6	18-7	20-2	22-7
# OF CONTACTS	1-#16	1-#16	1-#16	1-#12	1-#16	1-#4	1-#4	1-#8	1-#0	1-#0
SERIES	▼	▼	▼●	▼	●	▼●	●	▼●	▼●	▼●
SERVICE RATING	A	A	D	D	D	A	D	B	D	E

2 CONTACTS

LAYOUT	10SL-4*	12S-3*	14S-9*	16S-4	16-11	18-3	20-23
# OF CONTACTS	2-#16	2-#16	2-#16	2-#16	2-#12	2-#12	2-#8
SERIES	▼●	▼●	▼●	▼●	▼●	▼●	▼●
SERVICE RATING	A	A	D	A	A	D	A

LAYOUT	22-1	22-8	22-11	24-9	28-7	32-5
# OF CONTACTS	2-#8	2-#12	2-#16	2-#4	2-#4	2-#0
SERIES	●	▼●	▼	▼●	▼	▼●
SERVICE RATING	D	E	B	A	D	D

3 CONTACTS

LAYOUT	10SL-3*	14S-1	14S-7*	16S-5	16S-6	16-7	16-10*	18-5	18-21	18-22
# OF CONTACTS	3-#16	3-#16	3-#16	3-#16	3-#16	2-#16; 1-#8	3-#12	1-#16; 2-#12	3-#12	3-#16
SERIES	▼●	▼●	▼●	▼●	▼●	●	▼●	▼●	●	▼●
SERVICE RATING	A	A	A	A	A	A	A	D	D	D

LAYOUT	20-3	20-6	20-19	22-2	22-6	22-9	22-21	36-4
# OF CONTACTS	3-#12	3-#16	3-#8	3-#8	1-#16; 2-#8	3-#12	2-#16; 1-#0	3-#0
SERIES	▼●	●	▼●	▼●	▼	▼●	●	▼
SERVICE RATING	D	D	A	D	D	E	A	D(A); A(B,C)

4 CONTACTS

LAYOUT	12SA-10	14S-2*	16-9	18-4*	18-10*	18-13	20-4*	20-24	22-4
# OF CONTACTS	4-#16	4-#16	2-#16; 2-#12	4-#16	4-#12	3-#12; 1-#8	4-#12	2-#16; 2-#8	2-#12; 2-#8
SERIES	▼●	▼●	▼●	▼●	▼●	▼●	▼●	▼●	▼●
SERVICE RATING	I	I	A	D	A	A	D	A	A

LAYOUTS BY NUMBER OF CONTACTS

Key ▼ = CA/MS ● = CB View from mating face of pin insulator (socket view is opposite) * = most popular layouts

4 CONTACTS

LAYOUT	22-10	22-22*	24-4	24-22*	32-17	36-5
# OF CONTACTS	4-#16	4-#8	3-#16; 1-#0	4-#8	4-#4	4-#0
SERIES	▼●	▼●	●	▼●	▼●	▼●
SERVICE RATING	E	A	D	D	D	A

5 CONTACTS

LAYOUT	10SLA4	14S-5*	16S-8*	18-11*	18-20	20-14	22-12	22-13	24-12
# OF CONTACTS	5-#20	5-#16	5-#16	5-#12	5-#16	3-#12; 2-#8	3-#16; 2-#8	1-#16; 4-#12	3-#12; 2-#4
SERIES	▼●	▼●	▼●	▼●	●	▼●	▼●	▼●	▼●
SERVICE RATING	A	I	A	A	A	A	D	A(A,D); D(E)	A

5 CONTACTS

LAYOUT	28-5	32-1
# OF CONTACTS	2-#16; 1-#12; 2-#4	3-#12; 2-#0
SERIES	▼●	▼●
SERVICE RATING	D	E(A); D(balance)

6 CONTACTS

LAYOUT	14S-6*	18-12	20-8	20-17	20-22
# OF CONTACTS	6-#16	6-#16	4-#16; 2-#8	1-#16; 5-#12	3-#16; 3-#8
SERIES	▼●	▼●	▼●	▼●	▼●
SERVICE RATING	I	A	I	A	A

LAYOUT	22-5	22-15	28-22	36-3	36-6
# OF CONTACTS	4-#16; 2-#12	1-#16; 5-#12	3-#16; 3-#4	3-#12; 3-#0	4-#4; 2-#0
SERIES	●	▼●	▼●	▼●	▼●
SERVICE RATING	D	A(A,B,C,E,F); E(D)	D	D	A

7 CONTACTS

LAYOUT	14SA7	16S-1*	18-9	20-15*	22-28	24-2	24-10	24-27	28-10
# OF CONTACTS	7#16	7-#16	5-#16; 2-#12	7-#12	7-#12	7-#12	7-#8	7-#16	3-#12; 2-#8; 2-#4
SERIES	▼●	▼●	▼●	▼●	▼●	▼●	▼●	▼●	▼●
SERVICE RATING	I	A	I	A	A	D	A	E	D(G); A(balance)








8 CONTACTS

LAYOUT	18-8*	20-7*	22-18	22-23	24-6	32-15	36A35
# OF CONTACTS	7-#16; 1-#12	8-#16	8-#16	8-#12	8-#12	6-#12; 2-#0	4-#16; 4-#0
SERIES	▼●	▼●	▼●	▼●	●	▼●	●
SERVICE RATING	A	A(C-F) D(balance)	A(C-E)	D(H); A(balance)	D(A,G,H); A(balance)	D	A



LAYOUTS BY NUMBER OF CONTACTS

Key ▼ = CA/MS ● = CB View from mating face of pin insulator (* = most popular layouts)
 (socket view is opposite)





9 CONTACTS

							
LAYOUT	20A9	20-16	20-18*	22-16	22-17	22-20	22-27
# OF CONTACTS	9-#12	7-#16; 2-#12	6-#16; 3-#12	6-#16; 3-#12	8-#16; 1-#12	9-#16	8-#16; 1-#8
SERIES	●	▼ ●	▼ ●	●	▼	▼ ●	▼ ●
SERVICE RATING	D(J), all others I	A	A	A	D(A); A(balance)	A	D(J); A(balance)




9 CONTACTS

		
LAYOUT	24-11*	28-1
# OF CONTACTS	6-#12; 3-#8	6-#12; 3-#8
SERIES	▼ ●	▼
SERVICE RATING	A	D(A,E,J); A(balance)





10 CONTACTS

				
LAYOUT	28A16	18-1*	18-19	28-19
# OF CONTACTS	5-#16; 4-#4	10-#16	10-#16	6-#16; 4-#12
SERIES	▼ ●	▼ ●	▼ ●	▼ ●
SERVICE RATING	A	A(B,C,F,G); I(balance)	A	A(C,E,G,J,K,L); B(H,M); D(A,B)



11 CONTACTS

			
LAYOUT	20-33	24-20	28-14
# OF CONTACTS	11-#16	9-#16; 2-#12	11-#16
SERIES	▼ ●	▼ ●	▼
SERVICE RATING	A	D	D


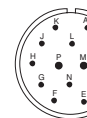
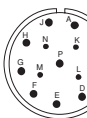
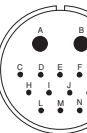
12 CONTACTS

				
LAYOUT	24-19	24A24	28-9	28-51
# OF CONTACTS	12-#16	12-#12	6-#16; 6-#12	12-#12
SERIES	▼ ●	▼ ●	▼ ●	●
SERVICE RATING	A	A	D	D


13 CONTACTS

		
LAYOUT	20-11	20-27*
# OF CONTACTS	13-#16	14-#16
SERIES	●	▼
SERVICE RATING	I	A



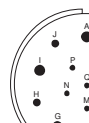

14 CONTACTS

				
LAYOUT	22-19*	28-2	28-20	32-9
# OF CONTACTS	14-#16	12-#16; 2-#12	4-#16; 10-#12	12-#16; 2-#4
SERIES	▼ ●	▼ ●	▼ ●	▼ ●
SERVICE RATING	A	D	A	D

15 CONTACTS

	
LAYOUT	28-17*
# OF CONTACTS	15-#16
SERIES	●
SERVICE RATING	A(A-L); B(R); D(M-P)

16 CONTACTS

				
LAYOUT	24-5	24-7*	36-14	36A70
# OF CONTACTS	16-#16	14-#16; 2-#12	6-#16; 5-#12; 5-#8	5-#16; 11-#4
SERIES	▼	▼ ●	▼ ●	▼ ●
SERVICE RATING	A	A	D	-

LAYOUTS BY NUMBER OF CONTACTS

Key ▼ = CA/MS ● = CB

View from mating face of pin insulator
(socket view is opposite)

* = most popular layouts

	17 CONTACTS	18 CONTACTS	19 CONTACTS	
LAYOUT				
# OF CONTACTS	20-29*	36A16	20A48	22-14*
SERIES	17-#16	18-#12	19-#16	19-#16
SERVICE RATING	▼● A	▼ A	● I	▼● A
	20 CONTACTS	22 CONTACTS	23 CONTACTS	
LAYOUT				
# OF CONTACTS	28-16	28-11*	32-6	32-13
SERIES	20-#16	18-#16; 4-#12	16-#16; 2-#12; 3-#8; 2-#4	18-#16; 5-#12
SERVICE RATING	▼● A	▼● A	▼● A	● D
	24 CONTACTS	26 CONTACTS	27 CONTACTS	28 CONTACTS
LAYOUT				
# OF CONTACTS	24-28*	28-12*	36A46	24A28
SERIES	24-#16	26-#16	27-#12	28-#16
SERVICE RATING	▼● I	▼● A	▼● A	● I
				28A63
				9-#12; 19-#16
				● A
	30 CONTACTS	31 CONTACTS	35 CONTACTS	
LAYOUT				
# OF CONTACTS	32-8	36-9	28-15*	32-7*
SERIES	24-#16; 6-#12	14-#16; 14-#12; 2-#8; 1-#4	35-#16	28-#16; 7-#12
SERVICE RATING	▼● A	▼● A	▼● A	▼● I (A,B,H,J); A (balance)
	35 CONTACTS	37 CONTACTS		
LAYOUT				
# OF CONTACTS	36-15	28-21*		
SERIES	35-#16	37-#16		
SERVICE RATING	▼● D(m); A(balance)	▼● A		

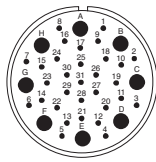
LAYOUTS BY NUMBER OF CONTACTS

Key ▼ = CA/MS ● = CB

View from mating face of pin insulator
(socket view is opposite)

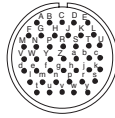
* = most popular layouts

39 CONTACTS



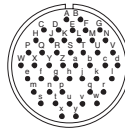
LAYOUT 36A98
OF CONTACTS 8-#8; 31-#16
SERIES ●
SERVICE RATING I

43 CONTACTS

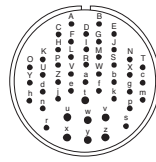


28A51
43-#16
▼ ●
A

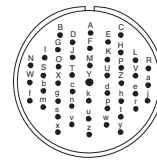
47 CONTACTS



32A47
47-#16
▼ ●
A

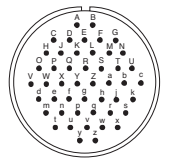


36-7*
40-#16; 7-#12
▼ ●
A



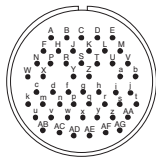
36-8
46-#16; 1-#12
▼ ●
A

48 CONTACTS



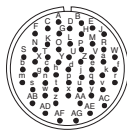
36-10*
48-#16
▼ ●
A

52 CONTACTS



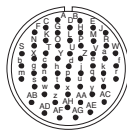
LAYOUT 36A34
OF CONTACTS 52-#16
SERIES ▼ ●
SERVICE RATING A

54 CONTACTS



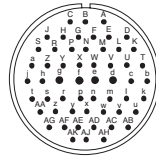
32A10
54-#16
▼ ●
A

55 CONTACTS



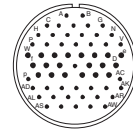
32A55
55-#16
●
A

56 CONTACTS



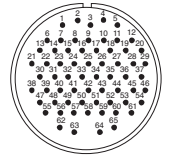
36A66
52-#16; 4-#12
▼
A

61 CONTACTS

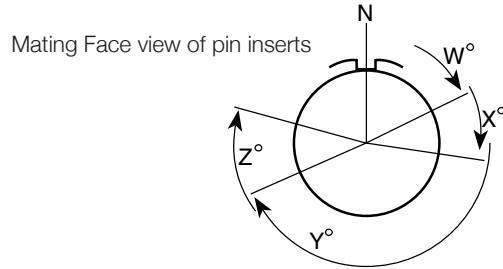


32A69
20-#16; 41-#20
●
A

65 CONTACTS



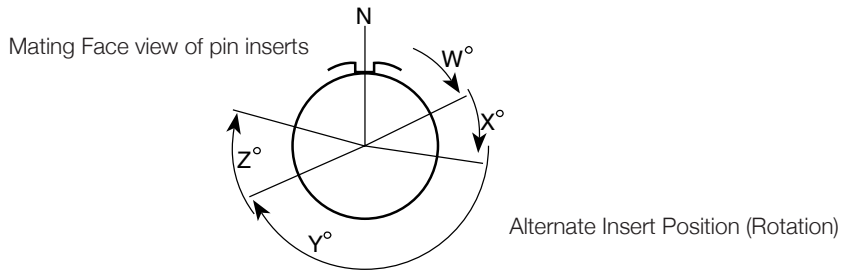
36A99
50-#20; 15-#16
●
I



CONTACT METALLURGY KEY: **ALUMEL (AL.)** **CHROMEL (CH.)** **CONSTANTAN (CON.)** **COPPER (CU)** **IRON (IR.)** **THERMOCOUPLE (†)**

LAYOUT	SERIES				TOTAL	CONTACT SIZES						†	DEGREES OF ROTATION				SERVICE RATING
	MS	CT	CB	VG		20	16	12	8	4	0		W	X	Y	Z	
8S-1	△	▲			1		1						-	-	-	-	A
10S-2	△	▲			1		1						-	-	-	-	A
10SL-3	△	▲	●	○	3		3						-	-	-	-	A
10SL-4	△	▲	●	○	2		2						-	-	-	-	A
10SL-51		▲	●		2		2					†	10SL-4 45° A=IR.; B=CON.				
10SL-52		▲	●		2		2					†	10SL-4 45° A=CU; B=CON.				
10SL-53		▲	●		2		2					†	10SL-4 45° A=AL.; B=CH.				
10SL-54		▲	●		3		3					†	10SL-3 A=IR.; B=CON.; C=CU				
10SL-55		▲	●		3		3					†	10SL-3 A=AL.; B=CH.; C=CU				
10SL-56		▲	●		2		2					†	10SL-4 A=AL.; B=CH.				
10SL-57		▲	●		2		2					†	10SL-4 A=CH.; B=CON.				
10SL-58		▲	●		3		3					†	10SL-3 A=CH.; B=AL.; C=CU				
10SL-59		▲	●		2		2					†	10SL-4 A=CH.; B=AL.				
10SL-60		▲	●		2		2					†	10SL-4 A=IR.; B=CON.				
10SL-61		▲	●		2		2					†	10SL-4 A=CU; B=CON.				
10SL-62		▲	●		3		3					†	10SL-3 A=CU; B=AL.; C=IR.				
10SL-63		▲	●		3		3					†	10SL-3 A, C=CON.; B=CH.				
10SL-64		▲	●		3		3					†	10SL-3 A, C=CH.; B=AL.				
10SL-A4		▲	●		5	5							CONTACT US FOR VALID ROTATIONS				A
12S-1		▲	●		2		2						12S-3 100°				A
12S-2		▲	●		2		2						12S-3 250°				A
12S-3	△	▲	●		2		2					70	145	215	290	A	
12S-4	△	▲	●		1		1					-	-	-	-	D	
12S-51		▲	●		2		2					†	12S-3 315° A=CH.; B=AL.				
12S-54		▲	●		2		2					†	12S-3 315° A = IR.; B=CON.				
12S-55		▲	●		2		2					†	12S-3 45° A=CU; B=CON.				
12S-56		▲	●		2		2					†	12S-3 A=AL.; B=CH.				
12S-57		▲	●		2		2					†	12S-3 60° A=CH.; B=AL.				
12S-58		▲	●		2		2					†	12S-3 120° A=IR.; B=CON.				
12S-59		▲	●		2		2					†	12S-3 A=IR.; B=CON.				
12S-60		▲	●		2		2					†	12S-3 A=CU; B=CON.				
12S-61		▲	●		2		2					†	12S-3 A=CH.; B=CON.				
12S-62		▲	●		2		2					†	12S-3 A=CH.; B=AL.				
12SA10		▲	●										CONTACT US FOR VALID ROTATIONS				I
12-5	△	▲			1			1					-	-	-	-	D
14S-1	△	▲	●		3		3						-	-	-	-	A
14S-2	△	▲	●		4		4						-	120	240	-	I

LAYOUTS BY SHELL SIZE



CONTACT METALLURGY KEY: **ALUMEL (AL.)** **CHROMEL (CH.)** **CONSTANTAN (CON.)** **COPPER (CU)** **IRON (IR.)** **THERMOCOUPLE (⊕)**

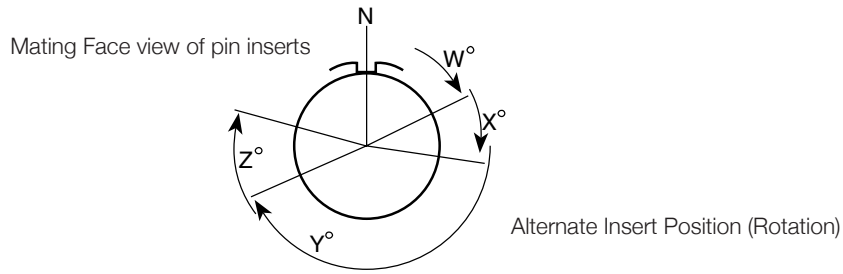
LAYOUT	SERIES				TOTAL	CONTACT SIZES						⊕	DEGREES OF ROTATION				SERVICE RATING
	MS	CT	CB	VG		20	16	12	8	4	0		W	X	Y	Z	
14S-4			●		1		1						-	-	-	-	D
14S-5	△	▲	●		5		5						-	110	-	-	I
14S-6	△	▲	●	○	6		6						-	-	-	-	I
14S-7	△	▲	●		3		3						90	180	270	-	A
14S-9	△	▲	●		2		2						70	145	215	290	A
14S-10		▲	●		4		4						14S-2 100°				I
14S-11		▲	●		4		4						14S-2 250°				I
14S-12		▲	●		3		3						14S-1 100°				A
14S-13		▲	●		3		3						14S-1 260°				A
14S-14		▲	●		4		4						14S-2 100°				I
14S-51		▲	●		2		2					⊕	14S-9 90° A=AL.; B=CH.				
14S-52		▲	●		4		4					⊕	14S-2 45° A, B=CU; C=AL.; D=CH.				
14S-53		▲	●		2		2					⊕	14S-9 90° A=IR.; B=CON.				
14S-54		▲	●		6		6					⊕	14S-6 45° A, C, E=IR.; B, D, F=CON.				
14S-55		▲	●		4		4					⊕	14S-2 45° A, C=IR.; B, D=CON.				
14S-56		▲	●		4		4					⊕	14S-2 45° A=IR.; B=CON.; C, D=CU				
14S-57		▲	●		4		4					⊕	14S-2 45° A, C=AL.; B, D=CH.				
14S-58		▲	●		3		3					⊕	14S-7 45° A=AL.; B=CH.; C=CU				
14S-59		▲	●		2		2					⊕	14S-9 90° A=CU; B=CON.				
14S-60		▲	●		2		2					⊕	14S-9 A=AL.; B=CH.				
14S-61		▲	●		6		6					⊕	14S-6 45° A=AL.; B=CH.; C=IR.; D=CON.; E, F=CU				
14S-63		▲	●		6		6					⊕	14S-6 A, C=AL.; B, D=CH.; E=IR.; F=CON.				
14S-64		▲	●		4		4					⊕	14S-2 A, C=CON.; B, D=CU				
14S-65		▲	●		6		6					⊕	14S-6 A, C, E=CU; B, D, F=CON.				
14S-67		▲	●		6		6					⊕	14S-6 A=AL.; B=CH.; BALANCE=CU				
14S-68		▲	●		4		4					⊕	14S-2 45° A=CH.; B=CON.; C, D=CU				
14S-69		▲	●		3		3					⊕	14S-7 A=CON.; B=CH.; C=CU				
14S-70		▲	●		4		4					⊕	14S-2 A, D=CH.; B, C=AL.				
14S-71		▲	●		4		4					⊕	14S-2 A, B, D=CU; C=CON.				
14S-72		▲	●		2		2					⊕	14S-9 A=CON.; B=CU				
14S-73		▲	●		4		4					⊕	14S-2 A, B=CU; C=AL.; D=CH.				
14S-74		▲	●		4		4					⊕	14S-2 A, B=CH.; C, D=AL.				
14S-75		▲	●		4		4					⊕	14S-2 A, B=CU; C, D=CON.				
14S-76		▲	●		4		4					⊕	14S-2 A, C=AL.; B, D=CH.				
14S-77		▲	●		4		4					⊕	14S-2 A, D=AL.; B, C=CH.				

LAYOUTS BY SHELL SIZE

CONTACT METALLURGY KEY: **ALUMEL (AL.) CHROMEL (CH.) CONSTANTAN (CON.) COPPER (CU) IRON (IR.) THERMOCOUPLE (T)**

LAYOUT	SERIES				TOTAL	CONTACT SIZES						T	DEGREE OF ROTATION				SERVICE RATING
	MS	CT	CB	VG		20	16	12	8	4	0		W	X	Y	Z	
14S-78		▲	●		2		2					T	14S-9 A=CH.; B=AL.				
14SA7		▲	●		7		7						-	-	-	-	A
14-3	△	▲			1				1				-	-	-	-	A
16S-1	△	▲	●	○	7		7						80	-	-	280	A
16S-4	△	▲	●	○	2		2						35	110	250	325	D
16S-5	△	▲	●		3		3						70	145	215	290	A
16S-6	△	▲	●		3		3						90	180	270	-	A
16S-8	△	▲	●		5		5						-	170	265	-	A
16S-14		▲	●		3		3						16S-4 110°				A
16S-15		▲	●		2		2						16S-5 100°				D
16S-16		▲	●		2		2						16S-4 250°				D
16S-17		▲	●		3		3						16S-5 250°				A
16S-52		▲	●		2		2				T		16S-4 A=CH.; B=AL.				
16S-54		▲	●		7		7				T		16S-1 A=AL.; B=CH.; BALANCE=CU				
16S-55		▲	●		7		7				T		16S-1 A=CON.; BALANCE=CU				
16SA18		▲	●		7		7						16S-1 100°				A
16SA19		▲	●		7		7						16S-1 260°				A
16SA20		▲	●		7		7						16S-1 110°				A
16SA21		▲	●		7		7						16S-1 250°				A
16-7		▲	●	○	3		2		1				80	110	250	280	A
16-9	△	▲	●		4		2	2					35	110	250	325	A
16-10	△	▲	●	○	3			3					90	180	270	-	A
16-11	△	▲	●		2			2					35	110	250	325	A
16-12	△	▲	●	○	1				1				-	-	-	-	A
16-13	△	▲	●		2			2			T		35	110	250	325	A=IR ; B CON
16-52		▲	●		2			2			T		16-11 90° A=AL.; B=CH.				
16-53		▲	●		4		2	2			T		16-9 70° A=AL.; C=CH.; B, D=CU				
16-55		▲	●		3			3			T		16-10 45° A=AL.; B=CH.; C=CU				
16-56		▲	●		2			2			T		16-13 90° A=CON.; B=CU				
16-57		▲	●		3			3			T		16-10 A=AL.; B=CU; C=CH.				
16-58		▲	●		3			3			T		16-10 A=CON.; B, C=CU				
16-60		▲	●		2			2			T		16-13 A=AL.; B=CH.				
16-62		▲	●		2			2			T		16-11 A=CON.; B=CU				
18-1	△	▲	●	○	10		10						70	145	215	290	A(B,C,F,G); I (all others)
18-3	△	▲	●		2			2					35	110	250	325	D
18-4	△	▲	●		4		4						35	110	250	325	D
18-5	△	▲	●		3		1	2					80	110	250	280	D
18-6	△	▲	●		1				1				-	-	-	-	D
18-7	△	▲	●		1				1				-	-	-	-	B
18-8	△	▲	●		8		7	1					70	-	-	290	A
18-9	△	▲	●		7		5	2					80	110	250	280	I
18-10	△	▲	●		4			4					-	120	240	-	A
18-11	△	▲	●	○	5			5					-	170	265	-	A
18-12	△	▲	●		6		6						80	-	-	280	A
18-13	△	▲	●	○	4			3	1				80	110	250	280	A
18-15	△	▲	●		4			4			T		18-10 315° A, C=IR.; B, D=CON.				

LAYOUTS BY SHELL SIZE



CONTACT METALLURGY KEY: **ALUMEL (AL.)** **CHROMEL (CH.)** **CONSTANTAN (CON.)** **COPPER (CU)** **IRON (IR.)** **THERMOCOUPLE (⚡)**

LAYOUT	SERIES				TOTAL	CONTACT SIZES						⚡	DEGREES OF ROTATION				SERVICE RATING
	MS	CT	CB	VG		20	16	12	8	4	0		W	X	Y	Z	
18-17		▲	●		7		5	2					18-9 100°				I
18-18		▲	●		7		5	2					18-9 250°				I
18-19		▲	●		10		10						-	120	240	-	A
18-20		▲	●		5		5						90	180	270	-	A
18-21			●		3			3					70	145	215	290	D
18-22	△	▲	●		3		3						70	145	215	290	D
18-23		▲	●		10		10						18-1 100°				A(B,C,F,G); I(all others)
18-24		▲	●		10		10						18-1 250°				A(B,C,F,G); I(all others)
18-25		▲	●		2			2					18-3 100°				D
18-26		▲	●		2			2					18-3 250°				D
18-27		▲	●		3		1	2					18-5 100°				D
18-28		▲	●		3		1	2					18-5 250°				D
18-29		▲			5		5						90	180	270	-	A
18-30		▲	●		5		5						18-20 110°				A
18-31		▲	●		5		5						18-20 260°				A
18-51		▲	●		6		6					⚡	18-12 A=IR.;B,E=CON.;D=CU;C, F=DUMMY				
18-52		▲	●		5			5				⚡	18-11 A=IR.;B=CON.;C=CH.;D=AL.;E=DUMMY				
18-53		▲	●		6		6					⚡	18-12 A, D=IR.; B, E=CON.; C, F=DUMMY				
18-54		▲	●		4			4				⚡	18-15 A, C=AL.; B, D=CH.				
18-56		▲	●		10		10					⚡	18-1 45° A, C, E, G, I=IR.; B, D, F, H, J=CON.				
18-57		▲	●		6		6					⚡	18-12 45° A, C, E=AL.; B, D, F=CH.				
18-59		▲	●		6		6					⚡	18-12 45° A, C=IR.; B, E, F=CON.; D=CU				
18-60		▲	●		5			5				⚡	18-11 45° A, D=AL.; B, C,=CH.; E=CU				
18-61		▲	●		6		6					⚡	18-12 A, C=IR.; B, D=CON.; E=CH.; F=AL.				
18-62		▲	●		6		6					⚡	18-12 A, B, C=IR.; D, E, F=CON.				
18-63		▲	●		4			4				⚡	18-15 A, C=CON.; B, D=CU				
18-65		▲	●		6		6					⚡	18-12 A=IR.; B=CON.; BALANCE=CU				
18-66		▲	●		10		10					⚡	18-1 A, C, E, G, I=CU; B, D, F, H, J=CON.				
18-67		▲	●		6		6					⚡	18-12 A, C, E=CU; B, D, F=CON.				
18-68		▲	●		5			5				⚡	18-11 A, D=AL.; B, C=CH.; E=CU				
18-69		▲	●		10		10					⚡	18-1 A=AL.; B=CH.; BALANCE=CU				
18-70		▲	●		5			5				⚡	18-11 A=IR.; B=CON.; C=CH.; D=AL.; E=CU				
18-71		▲	●		4			4				⚡	18-15 A=CON.; BALANCE=CU				
18-72		▲	●		4			4				⚡	18-15 D=CON.; BALANCE=CU				
18-73		▲	●		7		5	2				⚡	18-9 A=AL.; D=CH.; BALANCE=CU				
18-74		▲	●		6		6					⚡	18-12 A=CH.; B=AL.; D=IR.; E=CU; C, F=CON.				

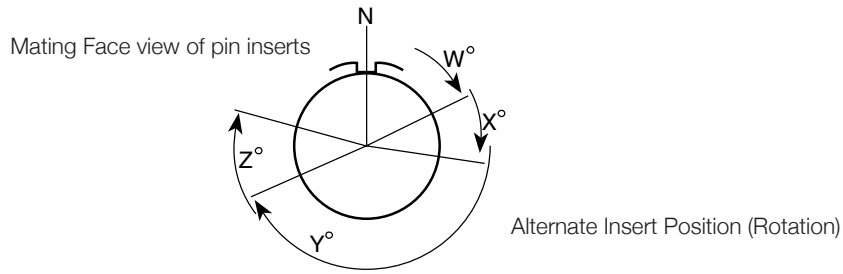
LAYOUTS BY SHELL SIZE

CONTACT METALLURGY KEY: **ALUMEL (AL.) CHROMEL (CH.) CONSTANTAN (CON.) COPPER (CU) IRON (IR.) THERMOCOUPLE (T)**

LAYOUT	SERIES				TOTAL	CONTACT SIZES						T	DEGREE OF ROTATION				SERVICE RATING
	MS	CT	CB	VG		20	16	12	8	4	0		W	X	Y	Z	
18A31		▲	●		10		10						18-1 110°				A(B,C,F,G); I(all others)
20-2	△	▲	●	○	1						1		-	-	-	-	D
20-3	△	▲	●		3			3					70	145	215	290	D
20-4	△	▲	●		4			4					45	110	250	-	D
20-6		▲	●		3		3						70	145	215	290	D
20-7	△	▲	●		8		8						80	110	250	280	A(B,C,F,G); I(all others)
20-8	△	▲	●	○	6		4		2				80	110	250	280	I
20-11	△	▲	●		13		13						-	-	-	-	I
20-14	△	▲			5			3	2				80	110	250	280	A
20-15	△	▲	●		7			7					80	-	-	280	A
20-16	△	▲	●		9		7	2					80	110	250	280	A
20-17	△	▲	●		6		1	5					90	180	270	-	A
20-18	△	▲	●		9		6	3					35	110	250	325	A
20-19	△	▲	●		3				3				90	180	270	-	A
20-22	△	▲	●		6		3		3				80	110	250	280	A
20-23	△	▲	●		2				2				35	110	250	325	A
20-24	△	▲	●		4		2		2				35	110	250	325	A
20-25		▲	●		13		13						20-11 100°				I
20-27	△	▲	●		14		14						35	110	250	325	A
20-29	△	▲	●		17		17						80	-	-	280	A
20-30		▲	●		13		13						20-11 250°				I
20-32		▲	●		8		8						20-7 260°				A(B,C,F,G); I(all others)
20-33	△	▲	●		11		11						-	-	-	280	A
20-52		▲	●		4			4				T	20-4 315° A=IR.; B=CON.; C=CH.; D=AL.				
20-56		▲	●		8		8					T	20-7 45° A, B, G, H=IR.; C, D, E, F=CON.				
20-60		▲	●		8		8					T	20-7 45° D=CH.; E=AL.; BALANCE=CU				
20-61		▲	●		17		17					T	20-29 45° A, B, M=CU; BALANCE=CON.				
20-62		▲	●		7			7				T	20-15 80° A, C, E=AL.; B, D, F=CH.; G=CU				
20-64		▲	●		14		14					T	20-27 A=AL.; C=CH.; BALANCE=CU				
20-65		▲	●		14		14					T	20-27 A, B, C, D, E, F, G=IR.; H, I, J, K, L, M, N=CON.				
20-67		▲	●		9		7	2				T	20-16 H=AL.; I=CH.; BALANCE=CU				
20-68		▲	●		8		8					T	20-7 A, B, G, H=CON.; C, D, E, F=CU				
20-69		▲	●		14		14					T	20-27 A, B, C, D, E, F, G=CU; H, I, J, K, L, M, N=CON.				
20-70		▲	●		17		17					T	20-29 A, C, E, G, J, L, N, R, T=IR.; B, D, F, H, K, M, P, S=CON.				
20-71		▲	●		17		17					T	20-29 S=AL.; R=CH.; BALANCE=CU				
20-74		▲	●		17		17					T	20-29 A, C, E, G, J, L, N, R=IR.; B, D, F, H, K, M, P, S=CON.; T=CU				
20-75		▲	●		7			7				T	20-15 G=AL.; BALANCE=CH.				
20-77		▲	●		9		7	2				T	20-16 A=CON.; BALANCE=CU				
20-80		▲	●		14		14					T	20-27 A, C, E, G, I, K, M=CU; B, D, F, H, J, L, N=CON.				
20-81		▲	●		14		14					T	20-27 A, C, E, G, I, K, M=CU; B, D, F, H, J, L, N=AL.				
20-82		▲	●		17		17					T	20-29 A, C, E, G, J, L, N, R=AL.; B, D, F, H, K, M, P, S=CH.; T=CU				
20A9		▲	●	○	9			9					-	110	250	-	D(J); (all others)
20A16		▲	●		13		13						20-11 182°				I
20A37		▲	●		4			4					20-4 250°				D

ITT CANNON CA-B / CB SERIES BAYONET CONNECTORS

LAYOUTS BY SHELL SIZE



CONTACT METALLURGY KEY: **ALUMEL (AL.)** **CHROMEL (CH.)** **CONSTANTAN (CON.)** **COPPER (CU)** **IRON (IR.)** **THERMOCOUPLE (⚡)**

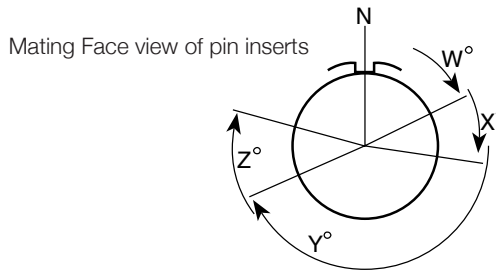
LAYOUT	SERIES				TOTAL	CONTACT SIZES						⚡	DEGREES OF ROTATION				SERVICE RATING
	MS	CT	CB	VG		20	16	12	8	4	0		W	X	Y	Z	
20A48			●	○	19		19						-	80	280	-	I
22-1		▲	●		2				2				35	110	250	325	D
22-2	△	▲	●	○	3				3				70	145	215	290	D
22-4	△	▲	●		4			2	2				35	110	250	325	A
22-5	△	▲	●		6		4	2					35	110	250	325	D
22-6	△	▲			3		1		2				80	110	250	280	D
22-7	△	▲	●		1						1		-	-	-	-	E
22-8	△	▲	●		2			2					35	110	250	325	E
22-9	△	▲	●		3			3					70	145	215	290	E
22-10	△	▲	●		4		4						35	110	250	325	E
22-11	△	▲			2		2						35	110	250	325	B
22-12	△	▲	●	○	5		3		2				80	110	250	280	A
22-13	△	▲			5		1	4					35	110	250	325	A(A-D); D(E)
22-14	△	▲	●	○	19		19						80	-	-	280	A
22-15	△	▲	●		6		1	5					80	110	250	280	A(A-C, E, F); E(D)
22-16		▲	●		9		6	3					80	110	250	280	A
22-17	△	▲			9		8	1					80	110	250	280	D(A); A(all others)
22-18	△	▲			8		8						80	110	250	280	A(C-E); D(all others)
22-19	△	▲	●		14		14						80	110	250	280	A
22-20	△	▲	●		9		9						35	110	250	325	A
22-21			●		3		2				1		80	110	250	280	A
22-22	△	▲	●	○	4				4				-	110	250	-	A
22-23	△	▲	●		8			8					35	-	250	-	D(H); A(all others)
22-27	△	▲	●	○	9		8		1				80	-	250	280	D(J); A(all others)
22-28	△	▲	●		7			7					80	-	-	280	A
22-30		▲	●		19		19						22-14 100°				A
22-31	△	▲			2		2						22-11 100°				B
22-32		▲	●		6		4	2					22-5 260°				D
22-57		▲	●		19		19					⚡	22-14 45° A, C, E, G, J, L, N, R=IR.; B, D, F, H, K, M, P, S=CON.; T, U, V=CU				
22-60		▲	●		19		19					⚡	22-14 45° U=AL.; N=CH.; BALANCE=CU				
22-62		▲	●		8			8				⚡	22-23 60° A, B, F, G=AL.; C, D, E, H=CH.				
22-68		▲	●		14		14					⚡	22-19 45° A, C, E, G, J, L, M=IR.; B, D, F, H, K, P, N=CON.				
22-69		▲	●		14		14					⚡	22-19 45° A, C, E, G, J, L, M=CU; B, D, F, H, K, P, N=CON.				
22-71		▲	●		19		19					⚡	22-14 V=AL.; U=CH.; BALANCE=CU				
22-72		▲	●		6		4	2				⚡	22-5 B=AL.; E=CH.; BALANCE=CU				

LAYOUTS BY SHELL SIZE

CONTACT METALLURGY KEY: **ALUMEL (AL.) CHROMEL (CH.) CONSTANTAN (CON.) COPPER (CU) IRON (IR.) THERMOCOUPLE (T)**

LAYOUT	SERIES				TOTAL	CONTACT SIZES						T	DEGREE OF ROTATION				SERVICE RATING
	MS	CT	CB	VG		20	16	12	8	4	0		W	X	Y	Z	
22-73		▲	●		6		4	2				⌋	22-5 E=AL.; B=CH.; BALANCE=CU				
22-74		▲	●		8			8				⌋	22-23 A, C, E, G=IR.; B, D, F, H=CON.				
22-75		▲	●		8			8				⌋	22-23 A=AL.; B, D, G, H=CU; C=CH.; E=IR.; F=CON.				
22-77		▲	●		14		14					⌋	22-19 B, D, F, H, J, K, M, P=CU; A, E, L=IR.; C, G, N=CON.				
22-78		▲	●		19		19					⌋	22-14 A, C, E, G, H, K, M, P, R, T=CON.; BALANCE=CU				
22-79		▲	●		4		4					⌋	22-10 A, C, =CON.; B, D=CU				
24-2	△	▲	●		7			7					80	-	-	280	D
24-5	△	▲	●		16		16						80	110	250	280	A
24-6	△	▲			8			8					80	110	250	280	D(A,G,H); A(all others)
24-7	△	▲	●		16		14	2					80	110	250	280	A
24-9	△	▲	●		2					2			35	110	250	325	A
24-10	△	▲	●	○	7				7				80	-	-	280	A
24-11	△	▲	●	○	9			6	3				35	110	250	325	A
24-12	△	▲	●	○	5			3		2			80	110	250	280	A
24-15		▲	●		16		16						24-5 100°				A
24-19		▲	●		12		12						-	-	-	-	A
24-20	△	▲	●		11		9	2					80	110	250	280	D
24-22	△	▲	●		4				4				45	110	250	-	D
24-24		▲	●		16		16						24-5 250°				A
24-25		▲	●		8			8					24-6 100°				D(A,G,H); A(all others)
24-26		▲	●		8			8					24-6 250°				D(A,G,H); A(all others)
24-27	△	▲	●		7		7						80	-	-	280	E
24-28	△	▲	●		24		24						80	110	250	280	I
24-56		▲	●		11		9	2				⌋	24-20 45° E=AL.; F=CH.; BALANCE=CU				
24-57		▲	●		24		24					⌋	24-28 45° A, C, J, V, Y, W, K, E, H, U, S, M=CH.; BALANCE=AL.				
24-62		▲	●		24		24					⌋	24-28 A, C, E, G=IR.; B, D, F, H=CON.; R, T=CH.; S, U=AL.; BALANCE=CU				
24-63		▲	●		24		24					⌋	24-28 A, C, E, G, J, L, K, N, S, U, W, Y=CU; B, D, F, H, Q, R, M, P, T, V, X, Z=CON.				
24-64		▲	●		16		16					⌋	24-5 A, B, C, D, E, F, G, H=IR.; J, K, L, M, N, P, R, S=CON.				
24-68		▲	●		24		24					⌋	24-28 D=CON.; BALANCE=CU				
24-79					5				5				-	-	-	-	A
24-81		▲	●		16		14	2				⌋	24-7 A, C, E, G, I, K, M, N, P=CU; B, D, F, H, J, L, O=CON.				
24A24		▲	●		12			12					CONTACT FOR VALID ROTATIONS				A
24A28			●		28		28						65	146	235	-	I
24A35		▲	●		16		14	2					24-7 100°				A
28-1	△	▲			9			6	3				80	110	250	280	D(A, E, J); A(all others)
28-2	△	▲	●		14		12	2					35	110	250	325	D
28-4		▲			9		7	2					80	110	250	280	E(G,P,S); D(all others)
28-5		▲	●		5		2	1		2			35	110	250	325	D
28-7		▲			2					2			35	110	250	325	D
28-9	△	▲	●		12		6	6					80	110	250	280	D
22B22			●		4				4				-	110	250	-	A

LAYOUTS BY SHELL SIZE



CONTACT METALLURGY KEY: **ALUMEL (AL.)** **CHROMEL (CH.)** **CONSTANTAN (CON.)** **COPPER (CU)** **IRON (IR.)** **THERMOCOUPLE (⌚)**

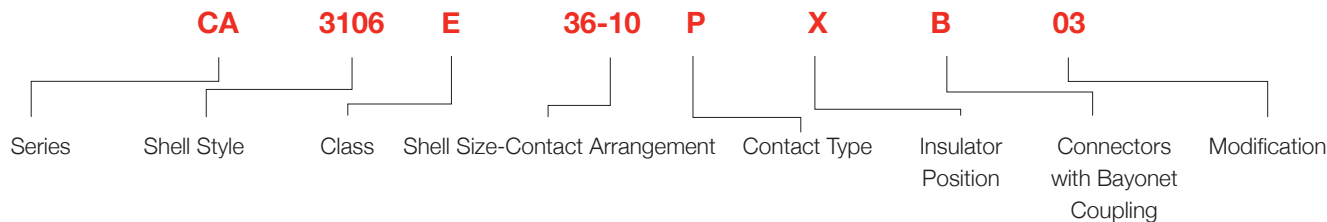
LAYOUT	SERIES				TOTAL	CONTACT SIZES						⌚	DEGREES OF ROTATION				SERVICE RATING
	MS	CT	CB	VG		20	16	12	8	4	0		W	X	Y	Z	
28-10	△	▲	●		7			3	2	2			80	110	250	280	D(G); A(all others)
28-11	△	▲	●	○	22		18	4					80	110	250	280	A
28-12	△	▲	●		26		26						90	180	270	-	A
28-13		▲	●		26		26						28-12 100°				A
28-14		▲			11		11						80	110	250	280	D
28-15	△	▲	●		35		35						80	110	250	280	A
28-16	△	▲	●		20		20						80	110	250	280	A
28-17	△	▲			15		15						80	110	250	280	A(A-L); B(R); D(M-P)
28-19	△	▲	●		10		6	4					80	110	250	280	A(C, E, G, J, K, L); B(H, M); D(A, B)
28-20	△	▲	●	○	14		4	10					80	110	250	280	A
28-21	△	▲	●	○	37		37						80	110	250	280	A
28-22	△	▲	●		6		3			3			70	145	215	290	D
28-51		▲	●		12			12					80	135	195	-	A
28-53		▲	●		22		18	4				⌚	28-11 45° J, L=AL.; K, M=CH.; BALANCE=CU				
28-58		▲	●		14		4	10				⌚	28-20 45° A, C, E, G, K, M=AL.; B, D, F, H, L, N=CH.; J, P=CU				
28-59		▲			17		10	7					-	-	-	-	A
28-61		▲	●		37		37					⌚	28-21 45° A, C, J, Z, M, R, N, A, K, F, H, X, K, H, T, M, N, D=IR.; BALANCE=CON.				
28-63		▲	●	○	14		4	10				⌚	28-20 45° A, C, E, G, J=AL.; B, D, F, H, P=CH.; BALANCE=CU				
28-64		▲	●		35		35					⌚	28-15 A, D=AL.; B, J=CH.; C, D, E, F, G, N, P, R, S, H, J, K, L, M, W, X, Y, Z=CON.; BALANCE=CU				
28-65		▲	●		26		26					⌚	28-12 A, C, E, G, J, L, N, R, T, V=IR.; X, Z=AL.; B, D, F, H, K, M, P, S, U, W=CON.; Y, A=CH.; B, D=CU				
28-67		▲	●		20		20					⌚	28-16 U=CON.; BALANCE=CU				
28-68		▲	●		35		35					⌚	28-15 45° T=AL.; U=CH.; BALANCE=CU				
28-69		▲	●		22		18	4				⌚	28-11 G=AL.; R=CH.; BALANCE=CU				
28-70		▲	●		22		18	4				⌚	28-11 A=AL.; B=CH.; BALANCE=CU				
28-77		▲	●		22		18	4				⌚	28-11 J=CON.; BALANCE=CU				
28-81		▲	●		37		37					⌚	28-21 A, D, S, Z, N, S=IR.; B, J, K, F, G, R=CON.; G, L, P, B, E, J=AL.; F, H, T, X, H, K=CH.; BALANCE=CU				
28A16		▲	●		9		5			4			CONTACT US FOR VALID ROTATION				A(E); I(all others)
28A51		▲	●		43		43						CONTACT US FOR VALID ROTATION				A
28A63			●		28		19	9					-	110	260	-	A
32-1	△	▲	●		5			3			2		80	110	250	280	E(A); D(all others)
32-2		▲			5		2			3			70	145	215	290	E

LAYOUTS BY SHELL SIZE

CONTACT METALLURGY KEY: **ALUMEL (AL.)** **CHROMEL (CH.)** **CONSTANTAN (CON.)** **COPPER (CU)** **IRON (IR.)** **THERMOCOUPLE (T)**

LAYOUT	SERIES				TOTAL	CONTACT SIZES						T	DEGREE OF ROTATION				SERVICE RATING
	MS	CT	CB	VG		20	16	12	8	4	0		W	X	Y	Z	
32-5		▲	●		2						2		35	110	250	325	D
32-6	△	▲	●	○	23		16	2	3	2			80	110	250	280	A
32-7	△	▲	●	○	35		28	7					80	125	235	280	I(A,B,H,J); A(all others)
32-8	△	▲	●		30		24	6					80	125	235	280	A
32-9	△	▲	●		14		12			2			80	110	250	280	D
32-13	△	▲	●		23		18	5					80	110	250	280	D
32-15	△	▲	●		8			6			2		35	110	250	280	D
32-17	△	▲	●		4					4			45	110	250	-	D
32-19		▲	●		5			3			2		32-1 260°				E(A); D(all others)
32-20		▲	●		23		16	2	3	2			32-6 260°				A
32-51		▲	●		30		24	6				T	32-8 90° M=CH.; N= AL.; BALANCE=CU				
32-55		▲	●		30		24	6				T	32-8 125° M, N=CH.; O, P=AL.; BALANCE=CU				
32A10		▲	●		54		54						CONTACT US FOR VALID ROTATION				A
32A29		▲	●		23		16	2	3	2			32-6 250°				A
32A30		▲	●		5			3		2			32-1 100°				E(A); D(all others)
32A47		▲	●		47		47						CONTACT US FOR VALID ROTATION				A
32A55			●		55		55						80	110	250	280	A
32A69			●	○	61	41	20						-	110	250	-	I
36-3		▲	●		6			3			3		70	145	215	290	D
36-4	△	▲			3						3		70	145	215	290	A(B,C); D(A)
36-5	△	▲	●	○	4						4		45	120	240	-	A
36-6	△	▲	●	○	6					4	2		35	110	250	325	A
36-7	△	▲	●		47		40	7					80	110	250	280	A
36-8	△	▲	●		47		46	1					80	110	250	280	A
36-9	△	▲	●		31		14	14	2	1			80	125	235	280	A
36-10	△	▲	●	○	48		48						80	125	235	280	A
36-11		▲	●		48		48						36-10 100°				A
36-12		▲	●		48		48						36-10 250°				A
36-14	△	▲	●		16		6	5	5				90	180	270	-	D
36-15	△	▲	●		35		35						60	125	245	305	D(m); A(all others)
36-16		▲	●		47		40	7					36-7 100°				
36-17		▲	●		47		40	7					36-7 250°				A
36-18		▲	●		31		14	14	2	1			36-9 100°				A
36-21		▲	●		31		14	14	2	1			36-9 260°				A
36-53		▲	●		47		40	7				T	36-7 45° U, V, W=AL.; X, Y, Z=CH.; BALANCE=CU				
36A34		▲	●		52		52						CONTACT US FOR VALID ROTATION				A
36A35		▲	●		8		4				4		CONTACT US FOR VALID ROTATION				A
36A46		▲	●		27			27					CONTACT US FOR VALID ROTATION				A
36A98		▲	●		39		31		8				CONTACT US FOR VALID ROTATION				I
36A99			●		65	50	15						CONTACT US FOR VALID ROTATION				I
36A70		▲			16		5			11			-	-	-	-	I

CA-BAYONET CONNECTORS



EXPLANATION

SERIES

CA - Circular connectors with bayonet coupling

SHELL STYLE

3100 - Wall mounting receptacle (metric thread holes standard w/o mod)

3101 - Cable connecting plug (receptacle)

3102 - Box mounting receptacle

3106 - Plug, straight

3108 - Plug, 90°

TBF - Bulkhead receptacle

CLASS

E - Environmental with resilient insulators and endbell with clamp and bushing

F - Environmental with resilient insulator and endbell for flex tube

R - Environmental with resilient insulator and shortened light-weight endbell without cable clamp

SHELL SIZE

10SL, 12S, 14S, 16S, 16, 18, 20, 22, 24, 28, 32, and 36

CONTACT ARRANGEMENT

⇒ See pages 76-89

CONTACT TYPE

P - Pin

S - Socket

PS - One side pin, one side socket (only for TBF)

INSULATOR POSITION

Besides the normal position further insulator positions are possible for Cannon connectors to prevent mismatching. Polarization is achieved by turning the pin contact insulator clockwise; the socket insulator, counter clockwise. This information refers to the mating side of the contact insulator.

MODIFICATION

01 - Metric crimp contacts

02 - Adapter for heat shrink boots, AWG crimp*

03 - Adapter for heat shrink boots, metric contacts*

04 - Rear mount, thread in flange, metric crimp contacts (for CA3102 only)

05 - Rear mount through holes in flange (for CA3102 and CA3100 only)

06 - Shrink boot adapter, solder contacts*

08 - Angular endbell, threaded holes in flange (for CA3100 only)

09 - Angular endbell, through holes in flange (for CA3100 only)

13 - Shielded version, solder contacts*

14 - Shielded version, metric crimp contacts*

15 - Shielded version, AWG crimp contacts*

109 - F80, rear mount, thread holes in flange (for CA3102 and CA3100 only)

111 - Rear mount, thread holes, solder contacts (for CA3102 only)

F80 - AWG crimp contacts

A34 - Bright nickel

A152 - Heavy gold plated contacts

A176 - Gold plated contacts

A232 - Black zinc cobalt

A233 - Green zinc cobalt

39 - Rubber cover coupling nut

A239 - Conductive Black RoHS 500 Hr Salt Spray

A240 - Conductive Blue RoHS 500 Hr Salt Spray

WITH SPRING WASHER AND FRICTION RING

These connectors feature a spring washer and a friction ring under the coupling nut. Used in high vibration applications.

CA06EW - Connector with spring washer, endbell with cable and bushing

CA06FW - Connector with spring washer, endbell and protect hose

CA06RW - Connector with spring washer and short endbell

* Boot ordered separately. ⇒ See pages 196-201.

OTHER SHELL STYLES

CA3100E-B-02/03/06 - Adapter for heat shrink boot

CA3100F-B-08/09 - 90° endbell for flex tube

CA3100E-B-08/09 - 90° endbell, cable clamp and busing

CA06PG-B - PG adapter

CA3101E-B-02/03/06 - Adapter for heat shrink boots

CA3101F-B-08/09 - 90° endbell flex tube

CA02L-B - Receptacle with PC contacts

CA20L-B - Rear mount receptacle with PC contacts

CA07A-B - Jam nut receptacle

HAVE A UNIQUE REQUIREMENT?

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