

MIL-DTL-5015

INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE

5 CONTACTS

| | | | | | | |
|-------------------------------|---|--|--|---------------------------------|--|--|
| | | | | | | |
| 10SLA4 (C) 10SL-2001-4 (C) | 14S-5 (M) | 16S-8 (M) | 18-11 (M, VG) | 18-20 (MI) | 18-29 (MI) | 18-683 (A) |
| CONTACTS | 5-#20 | 5-#16 | 5-#16 | 5-#12 | 5-#16 | 5-#16 |
| RATING | A | INST. | A | A | A For new MIL equip. design, use 16S-8 | A For new MIL equip. design, use 16S-8 |
| | | | | | | |
| 20-14 (M) | 22-12 (M, VG) | 22-13 (MI) | 22-34 (MI) | 24-G5 (S) | 24-12 (M, VG) | |
| CONTACTS | 3-#12 (C, D, E) 2-#8 (A, B) | 3-#16 (A, C, D) 2-#8 (B, E) | 1-#16 (E) 4-#12 (A-D) | 2-#16 (D, E) 3-#12 (A, B, C) | 5-#8 Top pin is grounded | 3-#12 (B, D, E) 2-#4 (A, C) |
| RATING | A | D | A (A, D); D (E) For new MIL equip. design, use 22-15 | D | A | A |
| | | | | | | |
| 24-17 (MI) | 24-23 (MI) | 24-51 (B) | 24-53 (B) | 24-79 (B, S) | | |
| CONTACTS | 3-#16 (C, D, E) 2-#12 (A, B) | 2-#16 (D, E) 3-#8 (A, B, C) | 5-#8 (Solderless) B, E for AN #10 or 12 wire A, C, D, for AN #8 wire | 5-#8 Solderless | 5-#8 | |
| RATING | D For new MIL equip. design, use 22-5 | D | A | A | A | A |
| | | | | | | |
| 24-620 (A) | 28-5 (M) | 32-1 (M, VG) | 32-2 (M) | 32A5 (V) | | |
| CONTACTS | 3-#16 (C, D, E) 2-#12 (A, B) | 2-#16 (C, D) 1-#12 (A) 2-#4 (B, E) | 3-#12 (A, C, D) 2-#0 (B, E) | 2-#16 (A, C) 3-#4 (B, D, E) | 5-#0 | |
| RATING | | D | E (A); D (balance) | E | A | |

NOTE: Codes indicate MIL-SPEC or manufacturer's proprietary configurations per legend below.

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C = ITT Cannon

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MI = Military designation inactive for new design.

S = Spacecraft
V = Veam

VG = VG95234

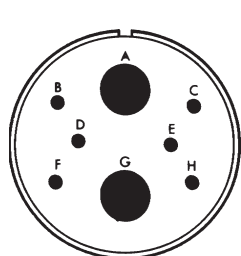
ICNC-08

MIL-DTL-5015

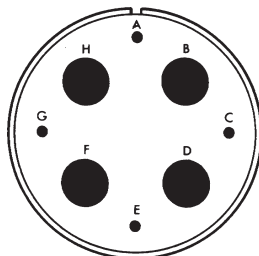
INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE

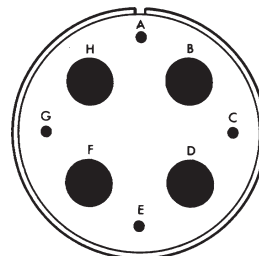
8 CONTACTS (CONT.)



32-57 (B)



36A35 (C)
36-2011-35 (C)



36A41 (C)
36-2011-41 (C)

CONTACTS

6-#12 (B, F, H)
2-#0 Coax (A, G)

4-#16 (A, C, E, G)
4-#0 (B, D, H, F)

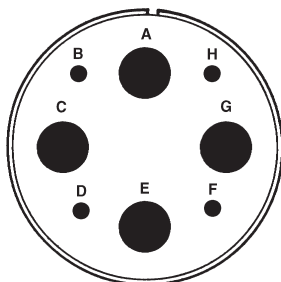
4-#12 (A, C, E, G)
4-#0 (B, D, H, F)

RATING

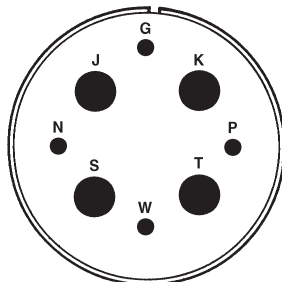
D

A

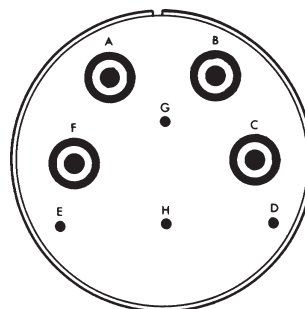
A



40A8 (V)



40A10 (S,V)



44-2013-19 (C)

CONTACTS

4-#16 (B, D, F, H)
4-#0 (A, C, E, G)

4-#16 (G, N, P, W)
4-#4 (J, K, S, T)

4-#16 (D, E, G, H)
1 RG-71/U Coax, (A)
3 RG-59/U Coax, (B, C, F)

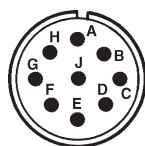
RATING

E

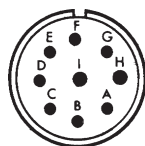
D

B (H); D (G); E (D, E)

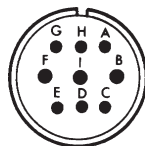
9 CONTACTS



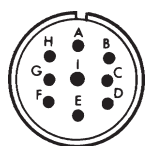
20A9 (S,V,VG)



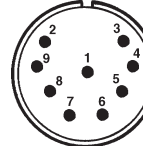
20-16 (M)



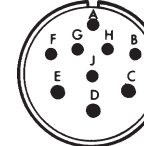
20-18 (M)



20-21 (M)



22A9 (V)



22-16 (MI)

CONTACTS

9-#12

7-#16 (A-G)
2-#12 (H, I)

6-#16 (A, C, D, E, G, H)
3-#12 (B, F, I)

8-#16 (A-H)
1-#12 (I)

9-#16

6-#16 (A, B, F, J)
3-#12 (C, D, E)

RATING

D (J)
A (balance)

A

A

A

D (1, 2, 3)
A (balance)

A
For new MIL equip.
design, use 20-18

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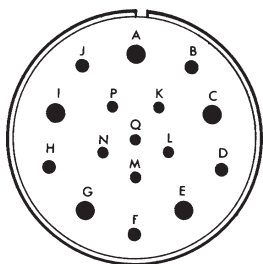
ICNC-16

MIL-DTL-5015

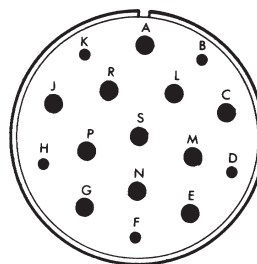
INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE

16 CONTACTS (CONT.)



36-14 (MI)



36A70 (C)
36-2011-70 (C)

CONTACTS

6-#16 (K-Q)
5-#12 (B, D, F, H, J)
5-#8 (A, C, E, G, I)

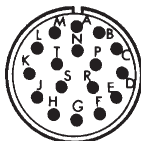
5-#16 (B, D, F, H, K)
11-#8 (A, C, E, G, J, L-S)

RATING

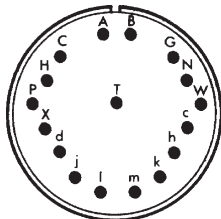
D

A

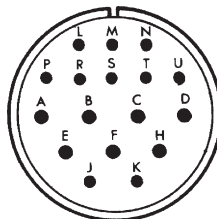
17 CONTACTS



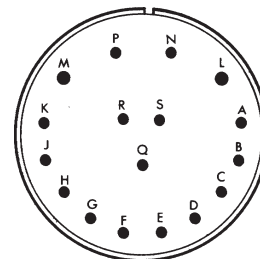
20-29 (M)



28A45 (C)
28-2009-45 (C)



28-59 (B,S,V)



36-13 (MI)

CONTACTS

17-#16

17-#16

10-#16 (J-U)
7-#12 (A-H)

15-#16 (A-K, N-S)
2-#12 (L, M)

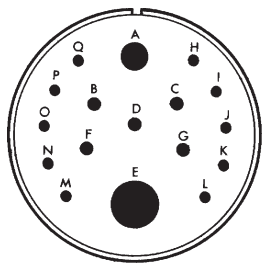
RATING

A

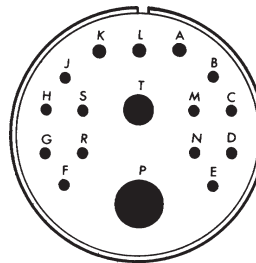
A

A

E (N-Q); A (balance)



36-19 (MI)



36-2011-4 (C)

CONTACTS

10-#16 (H-Q)
5-#12 (B-D,F, G)
1-#4 (A), 1-#0 (E)

12-#16 (B-J, M, N, R, S)
3-#12 (A, K, L)
1-#4 (T), 1-#0 (P)

RATING

D

A

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VG = VG95234

ICNC-24

INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE

| | 43 CONTACTS | 44 CONTACTS | 46 CONTACTS |
|----------|--------------------|---|--------------------------------|
| | | | |
| CONTACTS | 43-#16 | 43-#16 (48-90) 1-#8 Coax, for RG-187/U | 46-#16 |
| RATING | A | A | A |
| | 47 CONTACTS | | |
| | | | |
| CONTACTS | 47-#16 | 40-#16 (A-Z, a-s) 7-#12 (t-z) | 46-#16 (A-X, Z-z) 1-#12 (Y) |
| RATING | A | A | A |
| | | | |
| CONTACTS | 46-#12 1-#8 | 40-#16 (A-s) 7-#12 for #10 wire (t-z) | 47-#16 |
| RATING | | | A |

ILLUSTRATION
UNAVAILABLE
AT TIME OF
PUBLICATION

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V = Veam

VG = VG95234

SOURCES OF SUPPLY VG95234

SUGGESTED SOURCES OF SUPPLY

| VG95234 | DESCRIPTION | AMPHENOL | GLENAIR | ITT CANNON | SPACECRAFT |
|---------|--------------------------|----------------|--------------|-----------------|----------------|
| A | Box Mtg. Receptacle | GCB-3102B-T1 | ITB4102A | CA3102E*B | SCPB02*-VG |
| B | Sealing Plug | GCB-B | — | — | — |
| B1 | Box Mtg. Receptacle | GCB-3102B-T2 | ITB4103A | CA3102E*B-04 | SCPB03*-VG |
| B2 | Box Mtg. Receptacle | GCB-3102B | ITB4103AFP | CA3102E*B-05 | SCPB03*-VG |
| BOD | Dummy Receptacle | GCB-BODB | ITS05 | CA3105-*B | DRP19*-VG |
| C1 | Thru-Bulkhead Receptacle | — | ITB4012PP | TBF-*B | SCPBTB*-VG |
| C2 | Thru-Bulkhead Receptacle | — | ITB4102PPFP | TBF-*B-05 | SCPBTB*-VG |
| D | Straight Plug | GCB-3106E*B | ITS4106FV | — | SCPBO6E*-VG |
| DA*-1 | Flange Gasket | GCB-DA*-1 | IT40450 | 075-85**-000 | SCP40450* |
| DA*-2 | Flange Gasket | GCB-DA*-2 | IT40450*S | 075-85**-000 | SCP40450-*C |
| DH*-1 | Flange Gasket | GCB-DH*-1 | IT40460 | — | SCP40460-* |
| DH*-2 | Flange Gasket | GCB-DH*-2 | IT40460*S | — | SCP40460*C |
| E | 90o Plug | GCB-3108E*B | ITS4108F | CA3108E*B | SCPBO8F*-VG |
| E1 | 90o Plug | GCB-3108F*B | ITS4108R | CA3108F*B | SCPBO8R*-VG |
| F | In-Line Receptacle | GCB-3101E*B | ITB4101FV | CA3101E*B | SCPBO1E*-VG |
| G | Straight Plug | GCB-3106T*B | ITS4106GR | CA3106E*B-03 | SCPBO6ASB*-VG |
| H | Straight Plug | GCB-3106F*B | ITS4106R | CA3106F*B | SCPBO6A*-VG |
| J1 | Wall Mtg. Receptacle | GCB-3100E*B-T2 | ITB41030FV | CA3100E*B-04 | SCPBO0E*-VG |
| J2 | Wall Mtg. Receptacle | GCB-3100E*B | ITB41030PPFV | CA3100E*B-05 | SCPBO0E*-VG |
| K | 90o Plug | GCB-3108FG*B | ITSG4108R | CA3108F*B-14 | SCPB08A* |
| KA | Receptacle Dust Cap | GCB-KAB | — | CAB81-*D | DCR19*-VG |
| KB | Plug Dust Cap | GCB-KBB | ITB06T | CA121004-* | DCP19*-VG |
| KC | Plug Dust Cap | GCB-KCB | — | CAB80-*D | DCP19*-VG |
| KK | Cable Clamp | GCB-KK | IT3057 | MS3057-*A | MS3057-*A-VG |
| KR | Dust Cap Receptacle | GCB-KRB | ITB02T | CA121003-* | DCR19*-VG |
| KT | Bushing | GCB-KT | IT3420 | 012-****-000 | MS3420*-VG |
| L | Straight Plug | GCB-3106FG*B | ITSG4106R | CA3106F*B-14 | SCPB06R*-VG |
| M | Straight Plug | GCB-3106M*B | ITSG4106SP | CA3106E*B-14 | SCPB06SB*-VG |
| N1 | Wall Mtg. Receptacle | GCB-3100M*B-T2 | ITB41030SP | CA3100E*B-04 | SCPBO0G2G*-VG* |
| N2 | Wall Mtg. Receptacle | GCB-3100M*B-T2 | ITB41030SPFP | CA3100E*B-05 | SCPBO0G2G*-VG |
| P | Pin Contact | GCB*M* | 10-234-*P | 030-8XXX-* | R14* |
| R1 | Straight Plug | GCB-3106N*B | — | CA3106E*B-32 | SCPB06G*-VG |
| S | Socket Contact | GCB*F* | 10-234-*S | 031-8XXX-* | T14* |
| S1 | Wall Mtg. Receptacle | GCB-3100N*B-T2 | — | CA3100E*B-04-32 | SCPBO0AG*-VG |
| S2 | Wall Mtg. Receptacle | GCB-3100N*B | — | — | — |
| T | Straight Plug | GCB-3106TG*B | ITSG4106GR | CA3106E*B-03-41 | SCPB06G26*-VG |
| U1 | Wall Mtg. Receptacle | GCB-3100T*B-T2 | ITB41030GR | CA3100E*B-04-05 | SCPBO0G2G*-VG |
| U2 | Wall Mtg. Receptacle | GCB-3100-T*B | ITB41030GRFP | CA3100E*B-03-05 | SCPBO0G2G*-VG |

VG95234
REVERSE BAYONET

1K