# MIL-DTL-38999
## *SERIES III*

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| MILITARY PREFIX | D38999/ | 20 | W | B | 16 | P | W |
| CORSAIR PREFIX | CJ14 | 20 | W | B | 16 | P | W |

**CONNECTOR CONFIGURATION**
20 (20) RECEPTACLE, WALL MOUNT
24 (24) RECEPTACLE, JAM NUT MOUNT
26 (26) PLUG, RFI, STANDARD

**CLASS**
C ENVIRONMENTAL RESISTING-NON CONDUCTIVE FINISH ANODIC -65°C- +200°C
F ENVIRONMENTAL RESISTING-CONDUCTIVE FINISH ELECTROLESS NICKEL -65°C- +200°C
K ENVIRONMENTAL RESISTING-CORROSION RESISTANT STEEL WITH FIREWALL BARRIER, PASSIVATED -65°C- +200°C
F ENVIRONMENTAL RESISTING-CORROSION RESISTANT STEEL WITH ELECTRODEPOSITED NICKEL -65°C- +200°C
S ENVIRONMENTAL RESISTING-CORROSION RESISTANT STEEL WITH ELECTRODEPOSITED NICKEL & FIREWALL BARRIER -65°C- +200°C
T ENVIRONMENTAL RESISTING-NICKEL FLOUROCARBON POLYMER, CONDUCTIVE FINISH -65°C- +175°C
W ENVIRONMENTAL RESISTING-CORROSION RESISTANT FINISH OLIVE DRAB CADMIUM PLATE OVER UNDERPLATE -65°C- +175°C
Z ENVIRONMENTAL RESISTING-ZINC NICKEL, CONDUCTIVE FINISH -65°C- +175°C

**SHELL SIZE**
A(9), B(11), C(13), D(15), E(17), F(19), G(21), H(23), J(25)

**INSERT ARRANGEMENT**
REFER TO LAYOUT PATTERNS PER MIL-DTL-1560

**CONTACT TYPE**
P PIN
S SOCKET
A CONNECTOR LESS PINS
B CONNECTOR LESS SOCKETS

**POLARIZATION**
N NORMAL (NOT INCLUDED IN PART NUMBER)
W, X, Y, OR Z ALTERNATE POSITIONS, REFER TO POLARIZATION CHART

**GENERAL SPECIFICATIONS**
REAR RELEASE CONTACT RETENTION SYSTEM. 9 SHELL SIZES (A TO J) IN OVER 150 INSERT ARRANGEMENTS UTILIZING CONTACT SIZES 22D, 20, 16, 12, 8, 4, AND 0 GAGE CRIMP CONTACTS PER AS39029. USES TRIPLE START THREAD COUPLING MECHANISM. ACCEPTS AS85049 BACKSHELLS

USES HIGH RELIABILITY METAL CONTACT RETENTION CLIPS

**OPERATING TEMPERATURE RANGE:**
ALUMINIUM: -65° C TO 175 °C
STAINLESS STEEL: -65° C TO 200° C

ENVIRONMENTAL FLOUROSILICONE ELASTOMERS

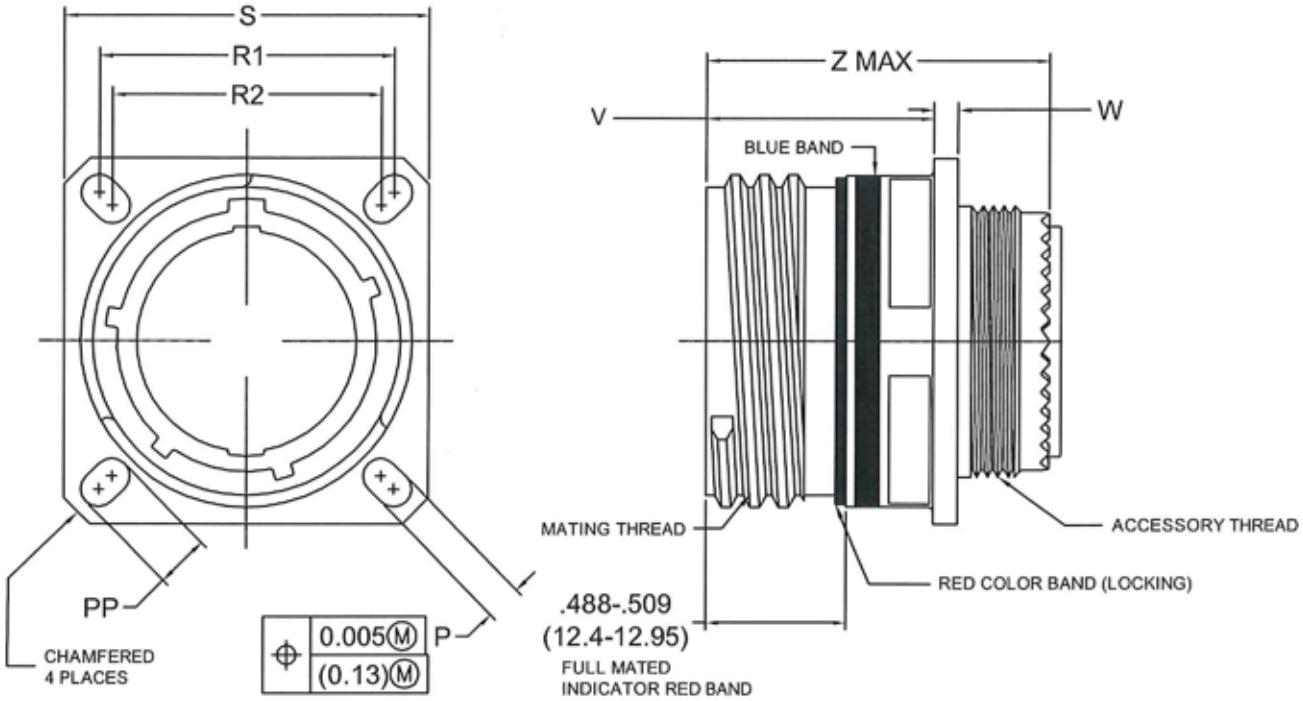
REFER TO ADDITIONAL CONTACT AND TOOLING INFORMATION

| TOLERANCE | TITLE | SHEET | DWG. NO. | REV |
|---|---|---|---|---|
| XX ± .010<br>.XXX ± .005<br>ANGLES ± 1° | MIL-DTL-38999, REAR RELEASE, SERIES III, CORSAIR PART NUMBER CROSS REFERENCE | 1 OF 1 | M38999 | - |

http://www.corsairelectricalconnectors.com (949) 833-0273

# D38999/20

## *MIL-DTL-38999 SERIES III*

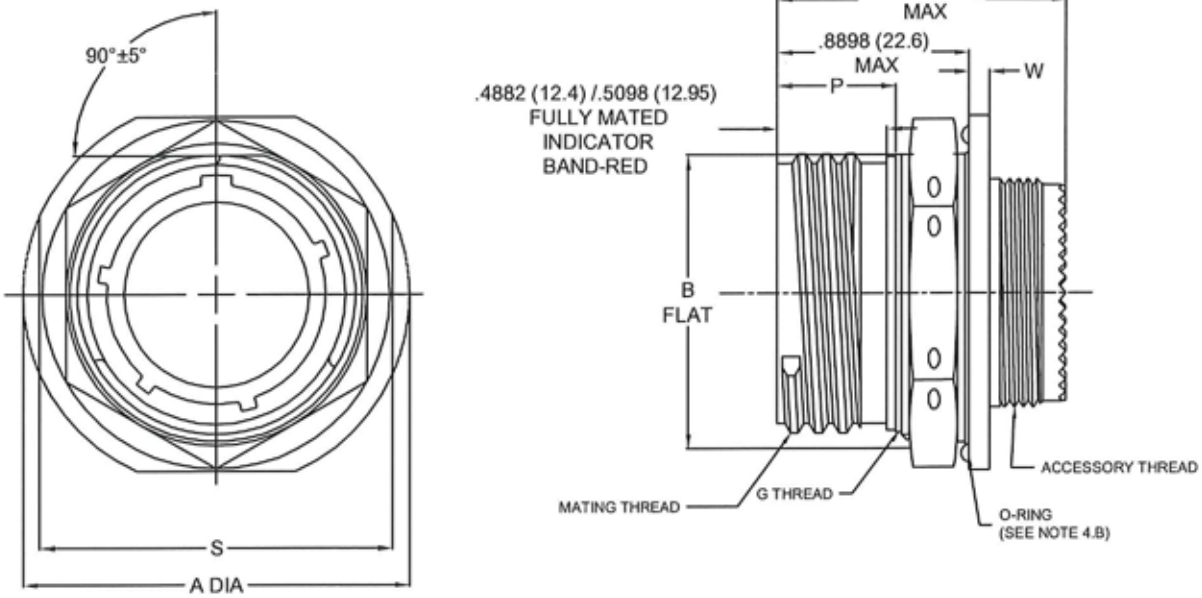



| SHELL SIZE | SHELL SIZE CODE | M Max front or rear panel thickness (See note 4.C) | P ±0.20 | PP ±0.20 | R1 (See note 4.A) | R2 (See note 4.B) | S ±0.3 | V +0.00 -1.25 | W | Z MAX |
|---|---|---|---|---|---|---|---|---|---|---|
| 9 | A | .228 (5.80) | 0.128 (3.25) | .216 (5.49) | .719 (18.26) | .594 (15.09) | .937 (23.8) | .820 (20.83) | .098/.083 (2.5/2.1) | 1.240 (31.5) |
| 11 | B | | 0.128 (3.25) | .194 (4.93) | 20.62 (.812) | .719 (18.26) | 1.031 (26.2) | .820 (20.83) | .098/.083 (2.5/2.1) | 1.240 (31.5) |
| 13 | C | | 0.128 (3.25) | .194 (4.93) | 23.01 (.906) | .812 (20.62) | 1.126 (28.6) | .820 (20.83) | .098/.083 (2.5/2.1) | 1.240 (31.5) |
| 15 | D | | 0.128 (3.25) | .173 (4.39) | 24.61 (.969) | .906 (23.01) | 1.220 (31.0) | .820 (20.83) | .098/.083 (2.5/2.1) | 1.240 (31.5) |
| 17 | E | | 0.128 (3.25) | .194 (4.93) | 1.062 (26.97) | .969 (24.61) | 1.311 (33.3) | .820 (20.83) | .098/.083 (2.5/2.1) | 1.240 (31.5) |
| 19 | F | | 0.128 (3.25) | .194 (4.93) | 1.156 (29.36) | 26.97 (1.062) | 1.437 (36.5) | .820 (20.83) | .098/.083 (2.5/2.1) | 1.240 (31.5) |
| 21 | G | .197 (5.00) | 0.128 (3.25) | .194 (4.93) | 1.250 (31.75) | 1.156 (29.36) | 1.563 (39.7) | .790 (20.07) | 0.126/.083 (3.2/2.1) | 1.240 (31.5) |
| 23 | H | | .154 (3.91) | .242 (6.15) | 1.375 (34.93) | 1.250 (31.75) | 1.689 (42.9) | .790 (20.07) | 0.126/.083 (3.2/2.1) | 1.240 (31.5) |
| 25 | J | | .154 (3.91) | .242 (6.15) | 1.500 (38.10) | 1.375 (34.93) | 1.811 (46.0) | .790 (20.07) | 0.126/.083 (3.2/2.1) | 1.240 (31.5) |

| TOLERANCE | TITLE | SHEET | DWG. NO. | REV |
|---|---|---|---|---|
| XX ± .010<br>.XXX ± .005<br>ANGLES ± 1° | CONNECTORS, ELECTRICAL, CIRCULAR, RECEPTACLE, THREADED, WALL MOUNTING FLANGE, REMOVABLE CRIMP CONTACTS, SERIES III, MIL-DLT-38999/20 | 1 OF 1 | D38999/20 | - |

# D38999/24

## *MIL-DTL-38999 SERIES III*

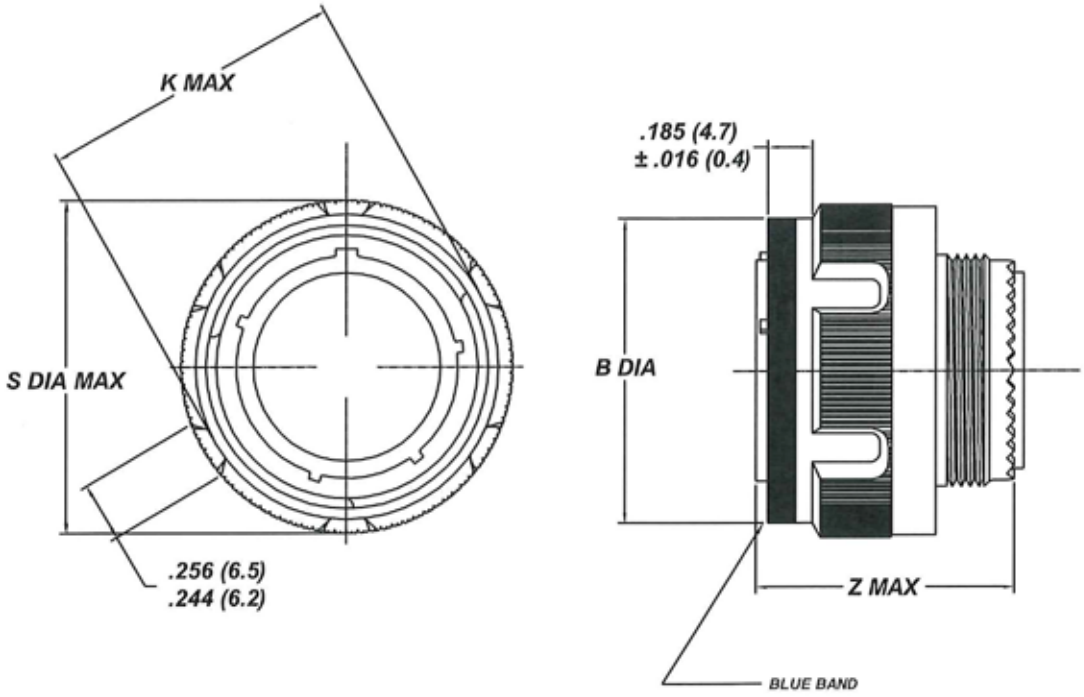



| SHELL SIZE | SHELL SIZE CODE | A DIA ±0.012 | B FLAT +0.10 -0.15 | G THREAD | P +0.6 -0.0 | S ±0.04 | W +0.035 -0.004 | Recommended O-ring SAE-AS3582 (see note 4.D) |
|---|---|---|---|---|---|---|---|---|
| 9 | A | 1.189 (30.2) | .651 (16.53) | M17x1-6g 0.100R | .555 (14.1) | 1.063 (27.0) | .087 (2.2) | -019 |
| 11 | B | 1.374 (34.9) | .751 (19.07) | M20x1-6g 0.100R | .555 (14.1) | 1.252 (31.8) | .087 (2.2) | -022 |
| 13 | C | 1.500 (38.1) | .938 (23.82) | M25x1-6g 0.100R | .555 (14.1) | 1.374 (34.9) | .087 (2.2) | -024 |
| 15 | D | 1.626 (41.3) | 1.062 (26.97) | M28x1-6g 0.100R | .555 (14.1) | 1.500 (38.1) | .087 (2.2) | -026 |
| 17 | E | 1.752 (44.5) | 1.187 (30.15) | M32x1-6g 0.100R (see note 4.B) | .555 (14.1) | 1.626 (41.3) | .087 (2.2) | -028 |
| 19 | F | 1.937 (49.2) | 1.312 (33.32) | M35x1-6g 0.100R | .555 (14.1) | 1.811 (46.0) | .118 (3.0) | -128 |
| 21 | G | 2.063 (52.4) | 1.437 (36.50) | M38x1-6g 0.100R | .555 (14.1) | 1.937 (49.2) | .118 (3.0) | -130 |
| 23 | H | 2.189 (55.6) | 1.562 (39.67) | M41x1-6g 0.100R | .555 (14.1) | 2.063 (52.4) | .118 (3.0) | -132 |
| 25 | J | 2.311 (58.7) | 1.687 (42.85) | M44x1-6g 0.100R | .555 (14.1) | 2.189 (55.6) | .118 (3.0) | -134 |

| TOLERANCE | TITLE | SHEET | DWG. NO. | REV |
|---|---|---|---|---|
| XX ± .010<br>.XXX ± .005<br>ANGLES ± 1° | CONNECTORS, ELECTRICAL, CIRCULAR, RECEPTACLE, THREADED, REMOVABLE CRIMP CONTACTS, SERIES III, MIL-DLT-38999/24 | 1 OF 1 | D38999/24 | - |

# D38999/26

## *MIL-DTL-38999 SERIES III*




| SHELL SIZE | SHELL SIZE CODE | B DIA +.008 (.2) -0.0 | K MAX | S DIA MAX | Z MAX |
|---|---|---|---|---|---|
| 9 | A | .724 (18.4) | .748 (19.0) | .858 (21.8) | 1.220 (31.0) |
| 11 | B | .830 (21.1) | .862 (21.9) | .984 (25.0) | 1.220 (31.0) |
| 13 | C | 25.4 (.999) | 1.03 (26.1) | 1.157 (29.4) | 1.220 (31.0) |
| 15 | D | 1.129 (28.7) | 1.15 (29.3) | 1.27 (32.5) | 1.220 (31.0) |
| 17 | E | 1.26 (32.2) | 1.29 (32.8) | 1.40 (35.7) | 1.220 (31.0) |
| 19 | F | 1.49 (34.9) | 1.39 (35.5) | 1.51 (38.5) | 1.220 (31.0) |
| 21 | G | 1.49 (38.1) | 1.52 (38.7) | 1.64 (41.7) | 1.220 (31.0) |
| 23 | H | 1.61 (41.1) | 1.64 (41.7) | 1.76 (44.9) | 1.220 (31.0) |
| 25 | J | 1.74 (44.3) | 1.76 (44.9) | 1.88 (48.0) | 1.220 (31.0) |

| TOLERANCE | TITLE | SHEET | DWG. NO. | REV |
|---|---|---|---|---|
| XX ± .010<br>.XXX ± .005<br>ANGLES ± 1° | CONNECTORS, ELECTRICAL, PLUG, CIRCULAR, THREADED, STRAIGHT, REMOVABLE CRIMP CONTACTS, SERIES III, MIL-DLT-38999/26 | 1 OF 1 | D38999/26 | - |

# MIL-DTL-38999

***SERIES I, II & III***

| Shell Size | Insert Arrangement | | | | | Contact Size | | | | | | | | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Series I | Series II | Series III | Service Rating | Total # of Contacts | 22D | 22M | 22 | 20 | 16 | 12 | 10 | 8 | |
| 8 & 9 | 9-6 | 8-6 | A-6 | M | 6 | | 6 | | | | | | | |
| | 9-7 | N/A | A-7 | M | 7 | 7 | | | | | | | | |
| | 9-35 | 8-35 | A-35 | M | 6 | 6 | | | | | | | | |
| | 9-44 | 8-44 | A-44 | M | 4 | | | 4 | | | | | | |
| | 9-98 | 8-98 | A-98 | I | 3 | | | | 3 | | | | | |
| 10 & 11 | 11-2 | N/A | B-2 | I | 2 | | | | | 2 | | | | |
| | 11-4 | N/A | B-4 | I | 4 | | | | 4 | | | | | |
| | 11-5 | 10-5 | B-5 | I | 5 | | | | 5 | | | | | |
| | 11-13 | 10-13 | B-13 | M | 13 | | 13 | | | | | | | |
| | 11-35 | 10-35 | B-35 | M | 13 | 13 | | | | | | | | |
| | 11-98 | 10-98 | B-98 | I | 6 | | | | 6 | | | | | |
| | 11-99 | 10-99 | B-99 | I | 7 | | | | 7 | | | | | |
| 12 & 13 | N/A | 12-3 | N/A | II | 3 | | | | | 3 | | | | |
| | 13-4 | 12-4 | C-4 | I | 4 | | | | | 4 | | | | |
| | 13-8 | 12-8 | C-8 | I | 8 | | | | 8 | | | | | |
| | 13-22 | 12-22 | C-22 | M | 22 | | 22 | | | | | | | |
| | 13-35 | 12-35 | C-35 | M | 22 | 22 | | | | | | | | |
| | 13-98 | 12-98 | C-98 | I | 10 | | | | 10 | | | | | |
| 14 & 15 | 15-5 | 14-5 | D-5 | II | 5 | | | | | 5 | | | | |
| | 15-15 | 14-15 | D-15 | I | 15 | | | | 14 | 1 | | | | |
| | 15-18 | 14-18 | D18 | I | 18 | | | | 18 | | | | | |
| | 15-19 | N/A | D-19 | I | 19 | | | | 19 | | | | | |
| | 15-35 | 14-35 | D-35 | M | 37 | 37 | | | | | | | | |
| | 15-37 | 14-37 | D-37 | M | 37 | | 37 | | | | | | | |
| | 15-97 | 14-97 | D-97 | I | 12 | | | | 8 | 4 | | | | |
| 16 & 17 | 17-2 | N/A | E-2 | M | 39 | 38 | | | | | | | 1 | ①② |
| | 17-6 | 16-6 | E-6 | I | 6 | | | | | | 6 | | | |
| | N/A | 16-7 | N/A | II | | | | | | | 6 | | | |
| | 17-8 | 16-8 | E-8 | II | 8 | | | | | 8 | | | | |
| | 17-11 | N/A | E-11 | N | 11 | | | | 8 | | 3 | | | ① |
| | 17-26 | 16-26 | E-26 | I | 26 | | | | 26 | | | | | |
| | 17-35 | 16-35 | E-35 | M | 55 | 55 | | | | | | | | |
| | N/A | 16-42 | N/A | M | 42 | | | 42 | | | | | | |
| | 17-55 | 16-55 | E-55 | M | 55 | | 55 | | | | | | | |
| | 17-99 | 16-99 | E-99 | I | 23 | | | | 21 | 2 | | | | |

| TOLERANCE | TITLE | SHEET | DWG. NO. | REV |
|---|---|---|---|---|
| XX ± .010<br>.XXX ± .005<br>ANGLES ± 1° | INSERT ARRANGEMENT, SERIES I, II & III | 1 OF 3 | MIL-DTL-38999 | - |

# MIL-DTL-38999

***SERIES I, II & III***

| Shell Size | Insert Arrangement | | | | | Contact Size | | | | | | | | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Series I | Series II | Series III | Service Rating | Total # of Contacts | 22D | 22M | 22 | 20 | 16 | 12 | 10 | 8 | |
| 18 & 19 | 19-11 | 18-11 | F-11 | II | 11 | | | | | 11 | | | | |
| | 19-18 | N/A | F-18 | M | 18 | 14 | | | | | | | 4 | ①② |
| | 19-28 | 18-28 | F-28 | I | 28 | | | | 26 | 2 | | | | |
| | 19-30 | 18-30 | F-30 | I | 30 | | | | 29 | 1 | | | | |
| | 19-32 | 18-32 | F-32 | I | 32 | | | | 32 | | | | | |
| | 19-35 | 18-35 | F-35 | M | 66 | 66 | | | | | | | | |
| | 19-45 | 18-45 | F-45 | M | 67 | 67 | | | | | | | | |
| | N/A | 18-53 | N/A | M | 53 | | | 53 | | | | | | |
| | 19-66 | 18-66 | F-66 | M | 66 | | 66 | | | | | | | |
| | 19-67 | 18-67 | F-67 | M | 67 | | 67 | | | | | | | |
| | N/A | 18-96 | N/A | I | 9 | | | | | | 9 | | | |
| 20 & 21 | 21-1 | 20-1 | G-1 | M | 79 | | 79 | | | | | | | |
| | N/A | 20-2 | N/A | M | 65 | | | 65 | | | | | | |
| | 21-11 | N/A | G-11 | I | 11 | | | | | | 11 | | | |
| | 21-16 | 20-16 | G-16 | II | 16 | | | | | 16 | | | | |
| | 21-24 | 20-24 | G-24 | I | 24 | | | | 24 | | | | | |
| | 21-25 | 20-25 | G-25 | I | 25 | | | | 25 | | | | | |
| | 21-27 | 20-27 | G-27 | I | 27 | | | | 27 | | | | | |
| | 21-35 | 20-35 | G-35 | M | 79 | 79 | | | | | | | | |
| | 21-39 | 20-39 | G-39 | I | 39 | | | | 37 | 2 | | | | |
| | 21-41 | 20-41 | G-41 | I | 41 | | | | 41 | | | | | |
| | 21-75 | N/A | G-75 | TWINAX | 4 | | | | | | | | 4 | |
| 22 & 23 | 23-1 | 22-1 | H-1 | M | 100 | | 100 | | | | | | | |
| | 23-2 | 22-2 | H-2 | M | 85 | | | 85 | | | | | | |
| | 23-21 | 22-21 | H-21 | II | 21 | | | | | 21 | | | | |
| | 23-32 | 22-32 | H-32 | I | 32 | | | | 32 | | | | | |
| | 23-34 | 22-34 | H-34 | I | 34 | | | | 34 | | | | | |
| | 23-35 | 22-35 | H-35 | M | 100 | 100 | | | | | | | | |
| | 23-36 | 22-36 | H-36 | I | 36 | | | | 36 | | | | | |
| | 23-53 | 22-53 | H-53 | I | 53 | | | | 53 | | | | | |
| | 23-55 | 22-55 | H-55 | I | 55 | | | | 55 | | | | | |
| | 23-97 | 22-97 | H-97 | I | 16 | | | | | 16 | | | | |
| | 23-99 | 22-99 | H-99 | II | 11 | | | | | 11 | | | | |

# MIL-DTL-38999

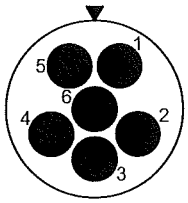
***SERIES I, II & III***

| Shell Size | Insert Arrangement | | | | | Contact Size | | | | | | | | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Series I | Series II | Series III | Service Rating | Total # of Contacts | 22D | 22M | 22 | 20 | 16 | 12 | 10 | 8 | |
| 24 & 25 | 25-1 | 24-1 | J-1 | M | 128 | | 128 | | | | | | | |
| | 25-2 | 24-2 | J-2 | M | 100 | | | 100 | | | | | | |
| | 25-4 | 24-4 | J-4 | I | 56 | | | | 48 | 8 | | | | |
| | 25-7 | N/A | J-7 | M | 99 | 97 | | | | | | | 2 | ①② |
| | 25-8 | N/A | J-8 | TWINAX | 8 | | | | | | | | 8 | ② |
| | 25-11 | N/A | J-11 | N | 11 | | | | 2 | | | 9 | | |
| | 25-19 | 24-19 | J-19 | I | 19 | | | | | | 19 | | | |
| | 25-20 | N/A | J-20 | N | 30 | | | | 10 | 13 | | 4 | 3 | ①② |
| | 25-24 | 24-24 | J-24 | I | 24 | | | | | 12 | 12 | | | |
| | 25-29 | 24-29 | J-29 | I | 29 | | | | | 29 | | | | |
| | 25-35 | 24-35 | J-35 | M | 128 | 128 | | | | | | | | |
| | 25-37 | N/A | J-37 | II | 37 | | | | | 37 | | | | |
| | 25-43 | N/A | J-43 | I | 43 | | | | 23 | 20 | | | | |
| | 25-46 | N/A | J-46 | I | 46 | | | | 40 | 4 | | | 2 | ①② |
| | 25-61 | 24-61 | J-61 | I | 61 | | | | 61 | | | | | |
| | 25-90 | N/A | J-90 | I | 46 | | | | 40 | 4 | | | 2 | ①② |

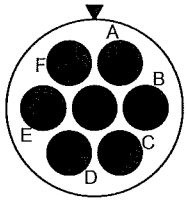
| | |
|---|---|
| ① | Split Service Rating |
| ② | The use of Size 8 SAE-AS39029/90 mand 91 Twinax contacts may derate the Connector with this Insert Arrangement and will require efforts to reduce the splaying of the Contacts. Heat shrink sleeves used with the Size 8 Twinax contacts are rated to 175° C (347° F) maximum. |

# MIL-DTL-38999

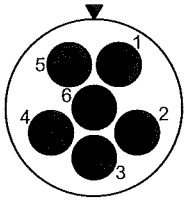
***SERIES I, II & III***



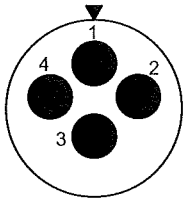

9-6 / 8-6
A6,
6 #22M, M



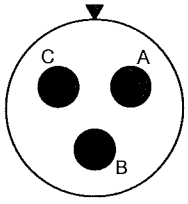

9-7
A7,
7 #22D, M



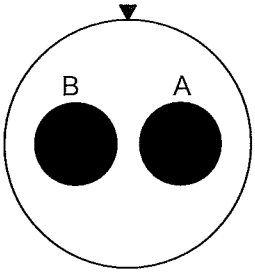

9-35 / 8-35
A35,
6 #22D, M



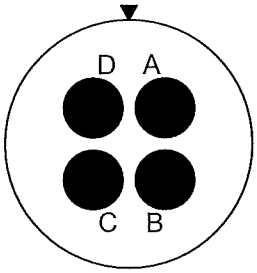

9-44 / 8-44
A44,
4 #22, M



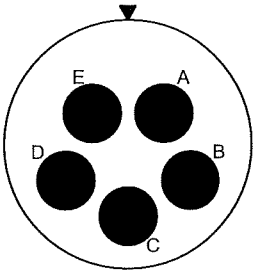

9-98 / 8-98
A98,
3 #20, I



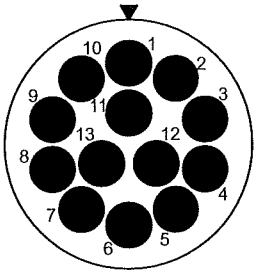

11-2
B2,
2 #16, I



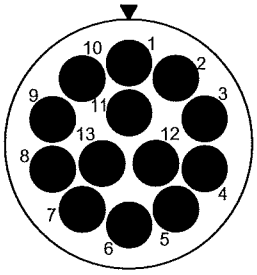

11-4
B4,
4 #20, I



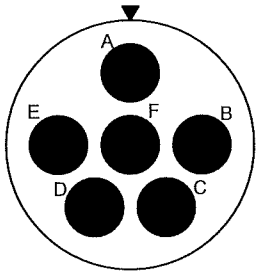

11-5/10-5
B4,
5 #20, I



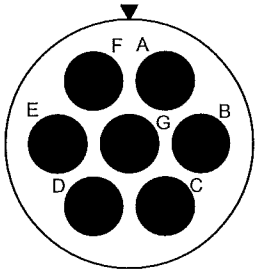

11-13/10-13
B13,
13 #22M, M




11-35/10-35
B35,
13 #22D, M




11-98/10-98
B98,
6 #20, I




11-99/10-99
B99,
7 #20, I

CONTACT SIZE LEGEND:

| TOLERANCE | TITLE | SHEET | DWG. NO. | REV |
|---|---|---|---|---|
| XX ± .010<br>.XXX ± .005<br>ANGLES ± 1° | MIL-DTL-38999, INSERT ARRANGEMENTS<br>SERIES I, II & III | 1 OF 9 | MIL-DTL-38999 | - |

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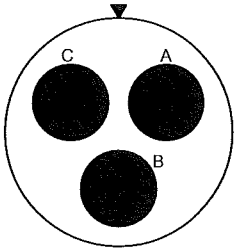
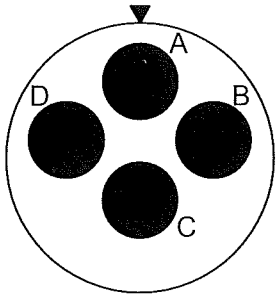
# MIL-DTL-38999

***SERIES I, II & III***

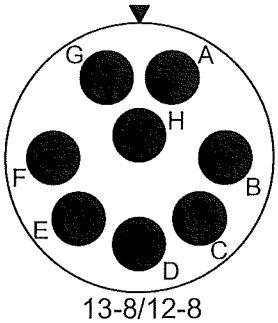



12-3

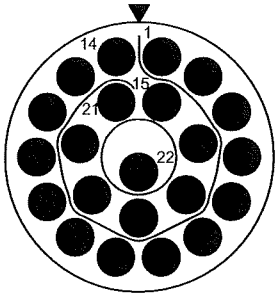
3 #16, II



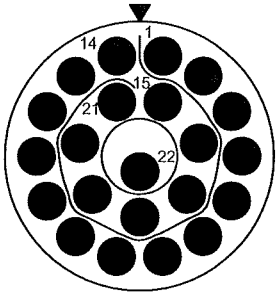

13-4/12-4
C4,
4 #16, I



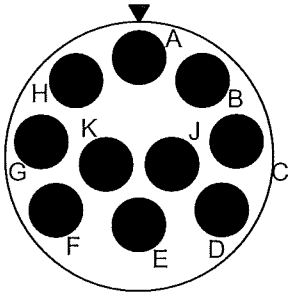

13-8/12-8
C8,
4 #20, I



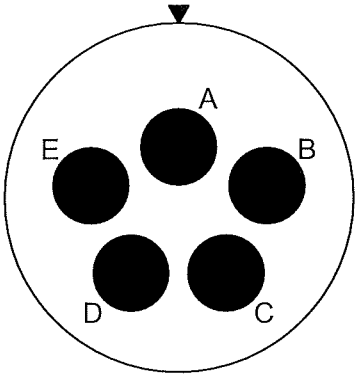

13-22/12-22
C22,
22 #22M, M



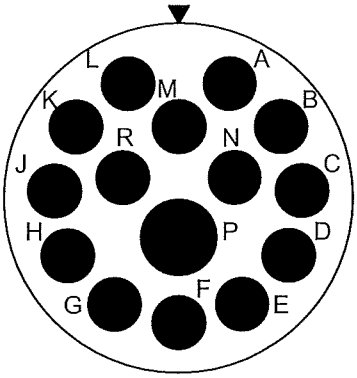

13-35/1235
C35,
22 #22D, M



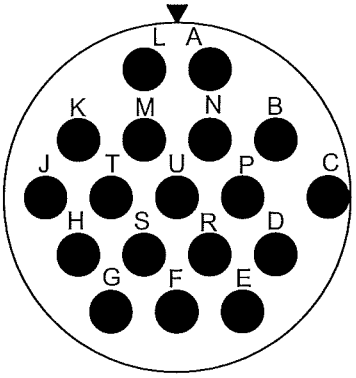

13-98/12-98
C98,
10 #20, I



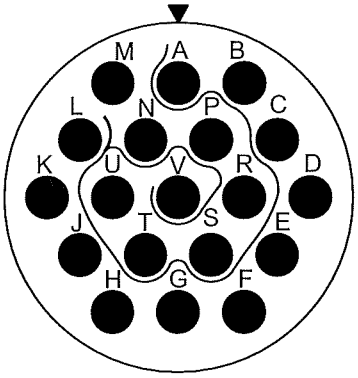

15-5/14-5
D5,
5 #16, II




15-15/14-15
D15,
1 #16, 14 #20, I




15-18/14-18
D18,
18 #20, I



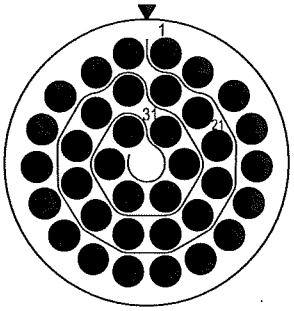

15-19
D19,
19 #20, I

CONTACT SIZE LEGEND: SIZE 22D SIZE 20 SIZE 16 SIZE 12 SIZE 8

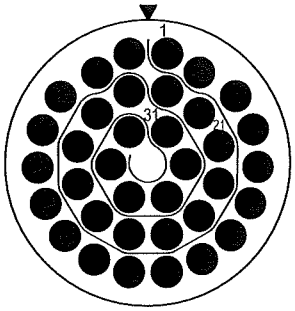
| TOLERANCE | TITLE | SHEET | DWG. NO. | REV |
|---|---|---|---|---|
| XX ± .010<br>.XXX ± .005<br>ANGLES ± 1° | MIL-DTL-38999, INSERT ARRANGEMENTS<br>SERIES I, II & III | 2 OF 9 | MIL-DTL-38999 | - |

# MIL-DTL-38999

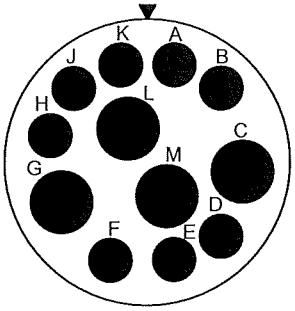
***SERIES I, II & III***



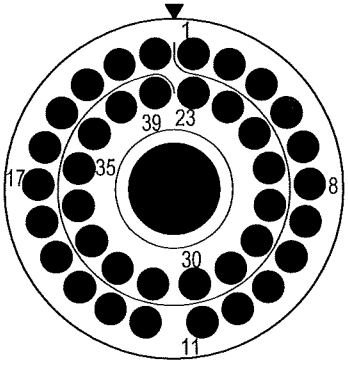

15-35/14-35
D35,
37 #22D, M



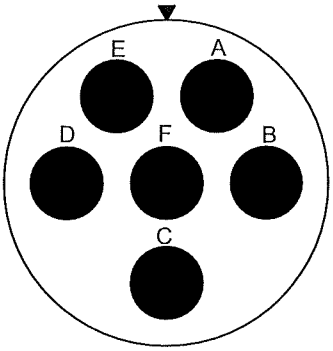

15-37/14-37
D37,
37 #22M, M



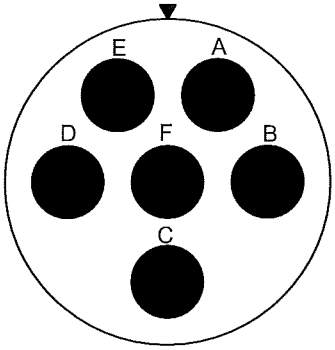

15-97/14-97
D97,
4 #16, 8 #20, I




17-2
E2,
38 #22D, I 1 #8 TWINAX

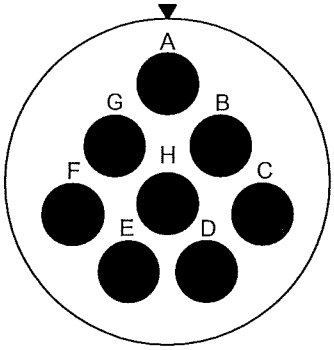



17-6/16-6
E6,
6 #12, I

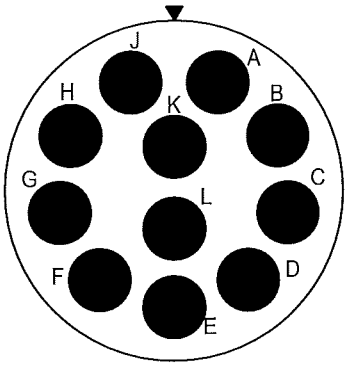



16-7

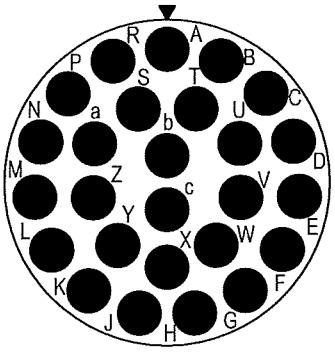
6 #12, II




17-8/16-8
E8,
8 #16, II




17-11
E11,
1 #12 COAX, 2 #12
TWINAX, 8 #20 N




17-26/16-26
E26,
26 #20, I

CONTACT SIZE LEGEND: SIZE 22D SIZE 20 SIZE 16 SIZE 12 SIZE 8

| TOLERANCE | TITLE | SHEET | DWG. NO. | REV |
|---|---|---|---|---|
| XX ± .010<br>.XXX ± .005<br>ANGLES ± 1° | MIL-DTL-38999, INSERT ARRANGEMENTS<br>SERIES I, II & III | 3 OF 9 | MIL-DTL-38999 | - |

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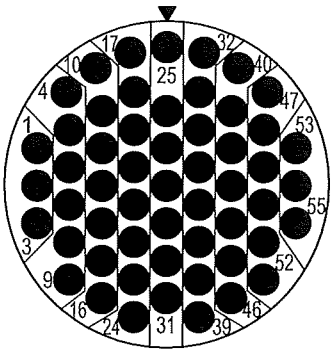
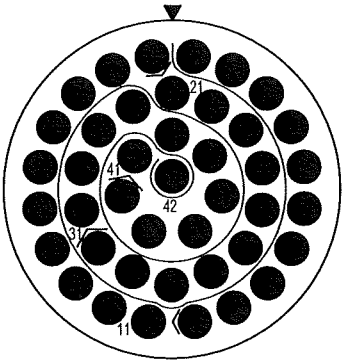
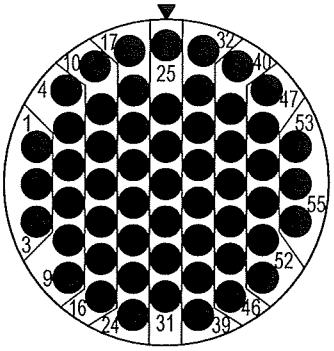
***SERIES I, II & III***



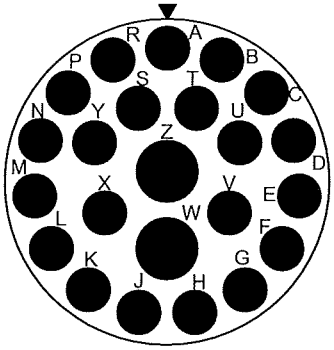

17-35/16-35
E35,
55 #22D, M



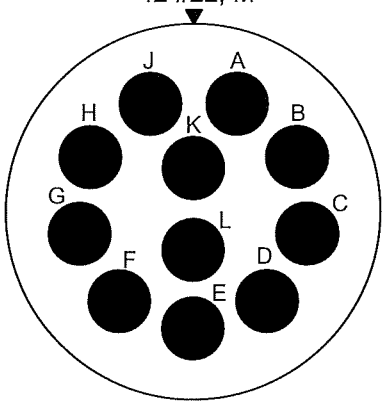

16-42
42 #22, M



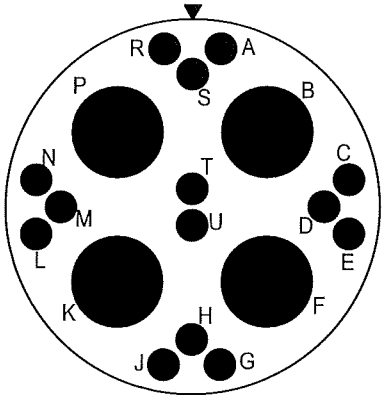

17-55/16-55
E55,
55 #22M, M



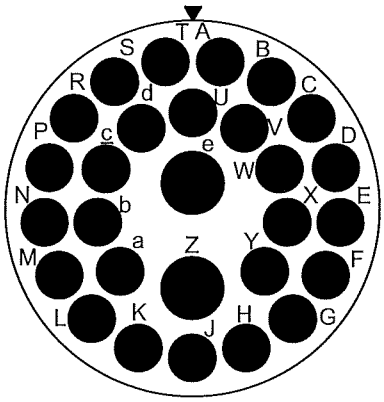

17-99/16-99
E99,
2 #16, 21 #20, I



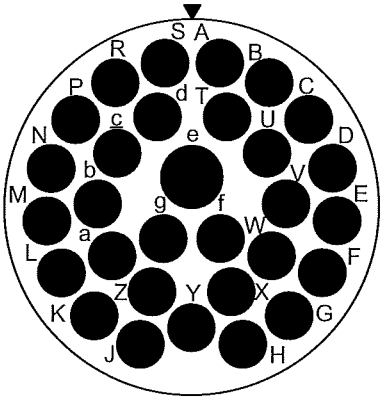

19-11/18-11
F11,
11 #16, II



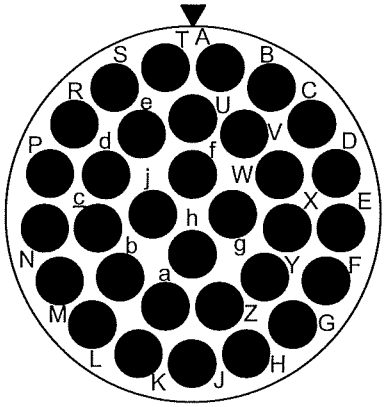

19-18
F18,
4 #8, TWINAX, 14, #22D M




19-28/18-28
F28,
2 #16, 26 #20, I




19-30/18-30
F30,
1 #16, 29 #20, I




19-32/18-32
F32,
32 #20, I

CONTACT SIZE LEGEND:

SIZE 22D SIZE 20 SIZE 16 SIZE 12 SIZE 8

| TOLERANCE | TITLE | SHEET | DWG. NO. | REV |
|---|---|---|---|---|
| XX ± .010<br>.XXX ± .005<br>ANGLES ± 1° | MIL-DTL-38999, INSERT ARRANGEMENTS<br>SERIES I, II & III | 4 OF 9 | MIL-DTL-38999 | - |

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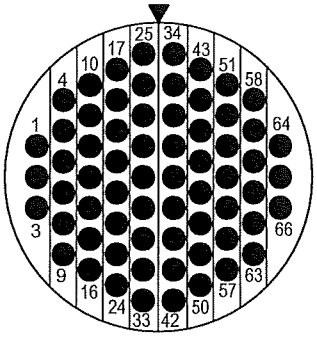
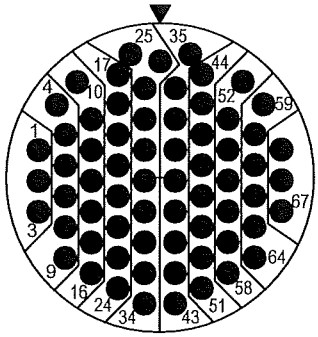
# MIL-DTL-38999

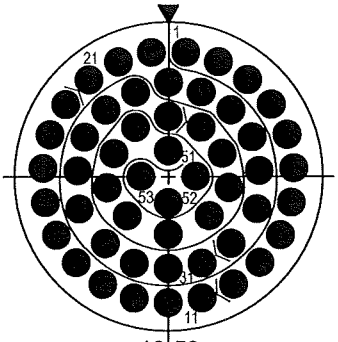
***SERIES I, II & III***



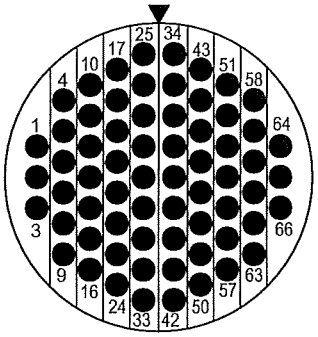

19-35/18-35
F35,
66 #22D, M



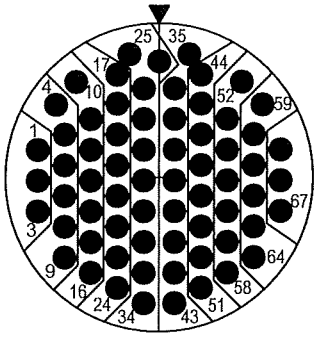

19-45/18-45
F45,
67 #22D, M



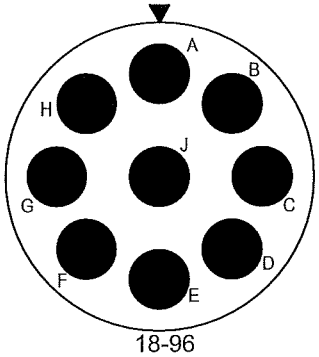

18-53
53 #22, M



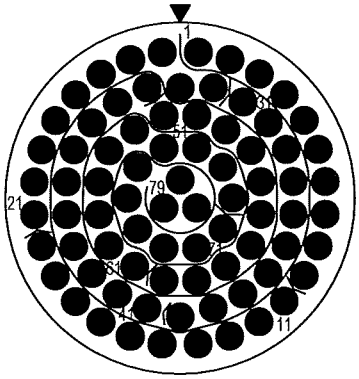

19-66/18-66
F66,
66 #22M, M



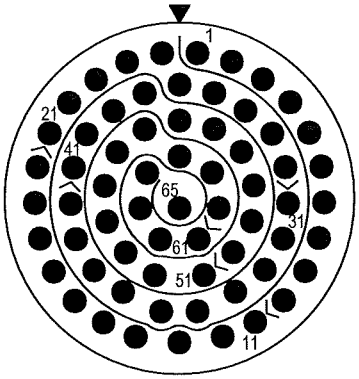

19-67/18-67
F67,
67 #22M, M



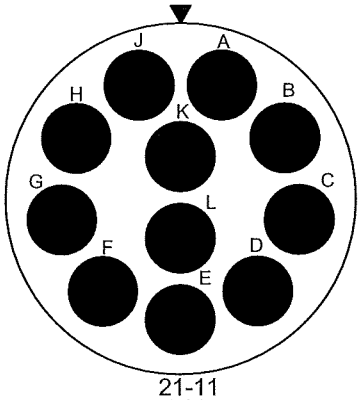

18-96
9 #12, I




21-1/20-1
G1
79 #22M, M




20-2
65 #22, M




21-11
G11,
11 #12, I

CONTACT SIZE LEGEND: SIZE 22D SIZE 20 SIZE 16 SIZE 12 SIZE 8

| TOLERANCE | TITLE | SHEET | DWG. NO. | REV |
|---|---|---|---|---|
| XX ± .010<br>.XXX ± .005<br>ANGLES ± 1° | MIL-DTL-38999, INSERT ARRANGEMENTS<br>SERIES I, II & III | 5 OF 9 | MIL-DTL-38999 | - |

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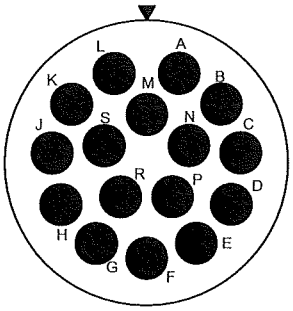
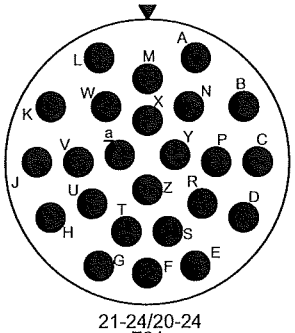
# MIL-DTL-38999

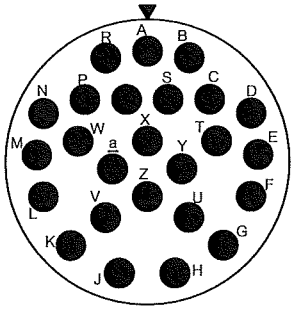
## *SERIES I, II & III*



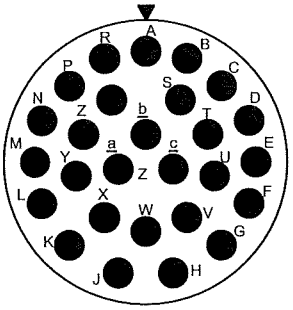

21-16/20-16
G16,
16 #12, II



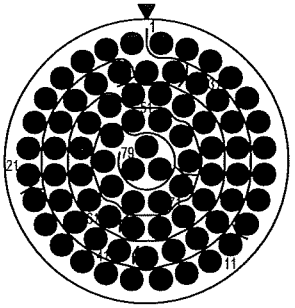

21-24/20-24
F24,
24 #20, I



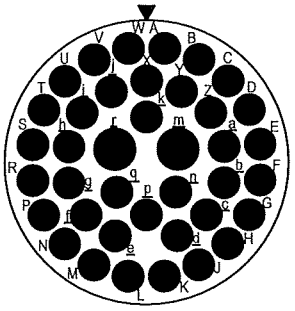

21-25/20-25
F25,
25 #20, I



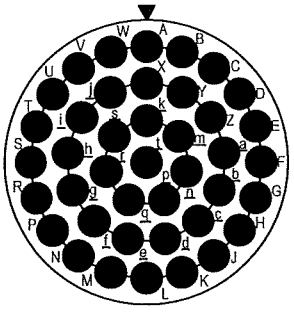

21-27/20-27
F27,
27 #20, I



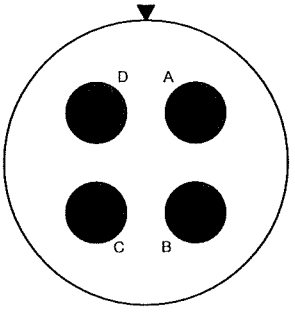
21-35/20-35
G35
79 #22D, M



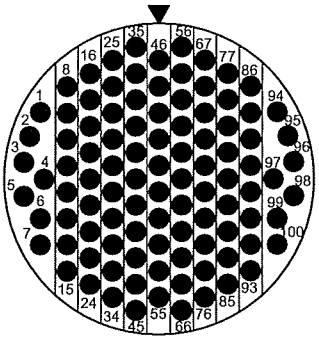

21-39/20-39
G39
2 #16, 37 #20, I




21-41/20-41
G41
41 #20, I




21-75
G75
4 #8 TWINAX



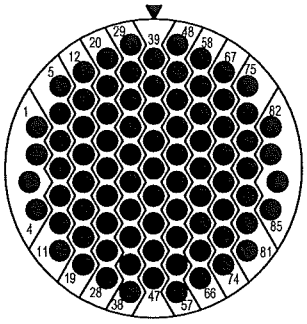
23-1/22-1
H1,
100 #22M, M

CONTACT SIZE LEGEND: SIZE 22D SIZE 20 SIZE 16 SIZE 12 SIZE 8

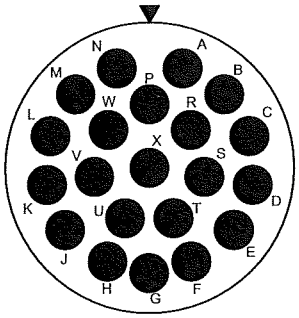
| TOLERANCE | TITLE | SHEET | DWG. NO. | REV |
|---|---|---|---|---|
| XX ± .010<br>.XXX ± .005<br>ANGLES ± 1° | MIL-DTL-38999, INSERT ARRANGEMENTS<br>SERIES I, II & III | 6 OF 9 | MIL-DTL-38999 | - |

# MIL-DTL-38999

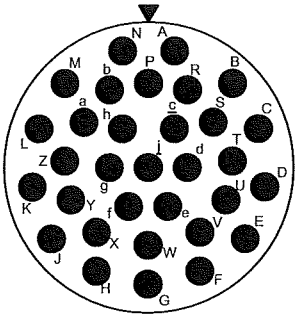
## *SERIES I, II & III*



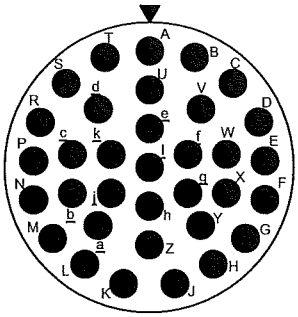
23-2/22-2
H2,
85 #22, M



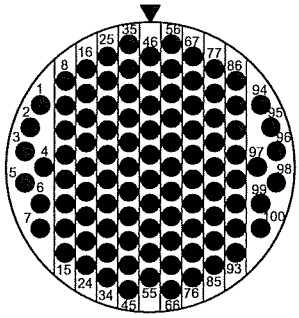
23-21/22-21
H21,
21 #16, II



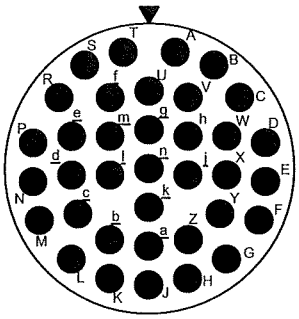
23-32/22-32
H32,
32 #20, I



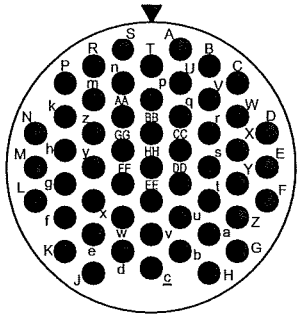
23-34/22-34
H34,
34 #20, I



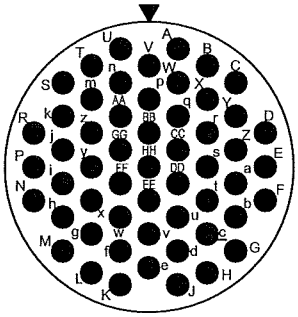
23-35/22-35
H35,
100 #22D, M



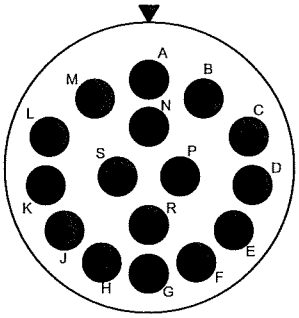
23-36/22-36
H36,
36 #20, I



23-53/22-53
H53,
53 #20, I



23-55/22-55
H55,
55 #20, I



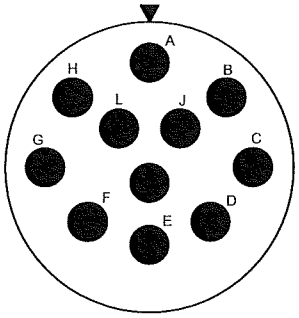
23-97/22-97
H97,
16 #16, I

CONTACT SIZE LEGEND: SIZE 22D SIZE 20 SIZE 16 SIZE 12 SIZE 10 SIZE 8

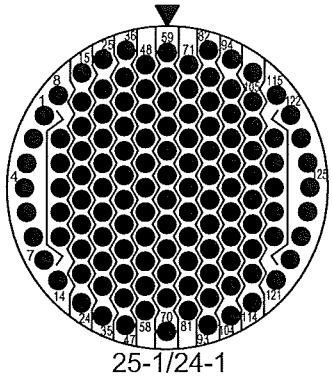
| TOLERANCE | TITLE | SHEET | DWG. NO. | REV |
|---|---|---|---|---|
| XX ± .010<br>.XXX ± .005<br>ANGLES ± 1° | MIL-DTL-38999, INSERT ARRANGEMENTS<br>SERIES I, II & III | 7 OF 9 | MIL-DTL-38999 | - |
| | | http://www.corsairelectricalconnectors.com (949) 833-0273 | | |

# MIL-DTL-38999

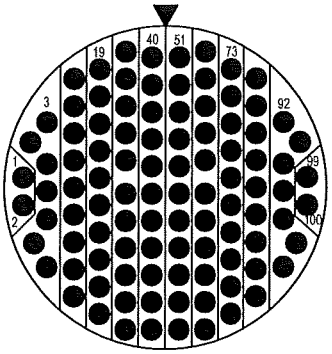
***SERIES I, II & III***



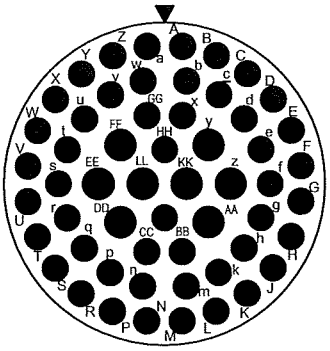

23-99/22-99
H99,
11 #16, II



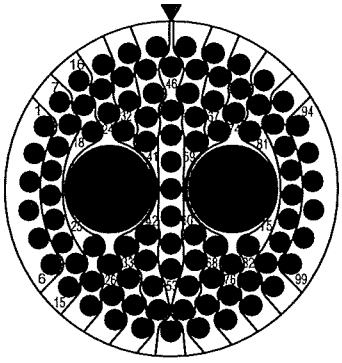
25-1/24-1
J1,
128, #22M, M



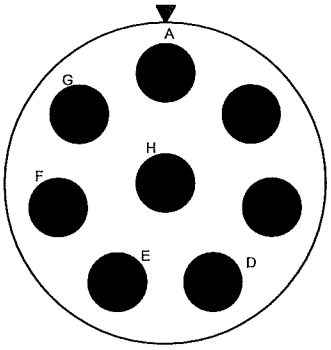
25-2/24-2
J2,
100, #22, M



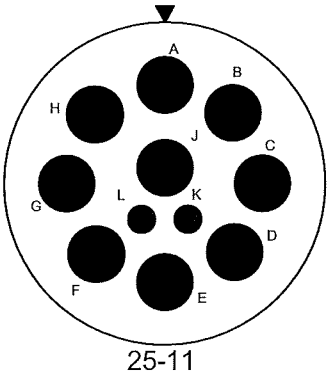
25-4/24-4
J4,
8 #16, 48 #20, I



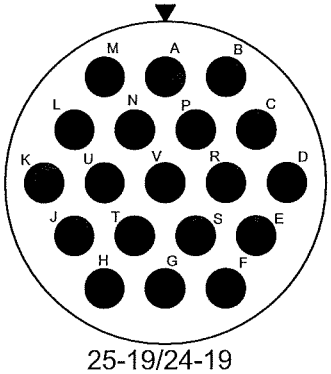
25-7
J7,
2 #8, 97 #22D, M



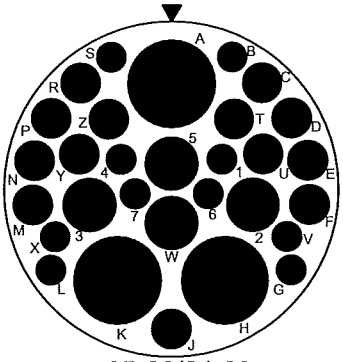

25-8
J8,
8 #12, I TWINAX




25-11
J11,
2 #20 9 #10, N




25-19/24-19
J19,
19 #12, I



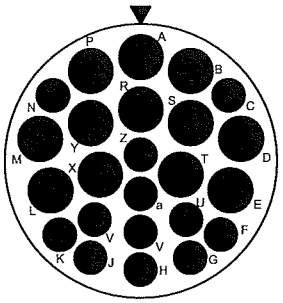
25-20/24-20
J20,
3 #8 TWINAX, 4 #12 COAX, 13 #16, 10 #20, M

CONTACT SIZE LEGEND: SIZE 22D SIZE 20 SIZE 16 SIZE 12 SIZE 10 SIZE 8

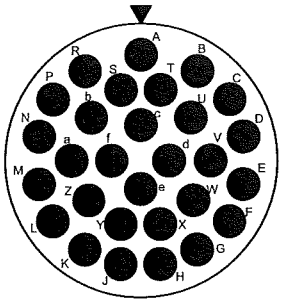
| TOLERANCE | TITLE | SHEET | DWG. NO. | REV |
|---|---|---|---|---|
| XX ± .010<br>.XXX ± .005<br>ANGLES ± 1° | MIL-DTL-38999, INSERT ARRANGEMENTS<br>SERIES I, II & III | 8 OF 9 | MIL-DTL-38999 | - |
| | | http://www.corsairelectricalconnectors.com (949) 833-0273 | | |

# MIL-DTL-38999

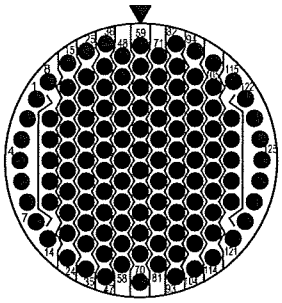
***SERIES I, II & III***



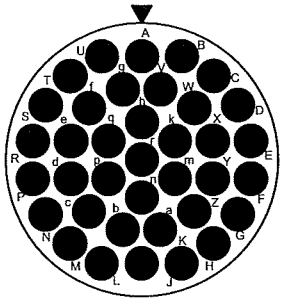
25-24/24-24
J24,
12 #12, 12 #16, I



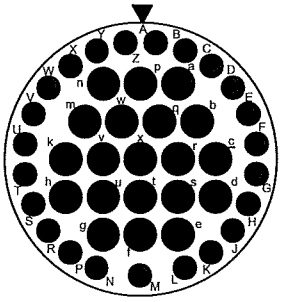
25-29/24-29
J29
29 #16, I



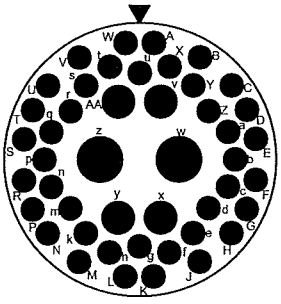
25-35/24-35
J35,
128, #22D, M



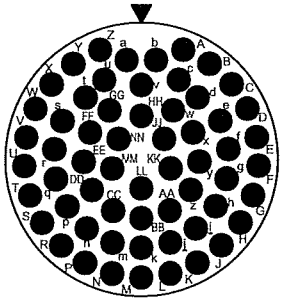
25-37
J37,
37, #16, I



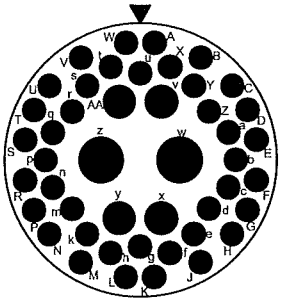
25-43
J43,
20 #16, 23 #20, I



25-46
J46,
2 #8, COAX, 4 #16, 40 #20, I



25-61/24-61
J61,
61 #20, I



25-90
J90,
2 #8, TWINAX, 4 #16, 40 #20, I

CONTACT SIZE LEGEND: SIZE 22D SIZE 20 SIZE 16 SIZE 12 SIZE 10 SIZE 8

| TOLERANCE | TITLE | SHEET | DWG. NO. | REV |
|---|---|---|---|---|
| XX ± .010<br>.XXX ± .005<br>ANGLES ± 1° | MIL-DTL-38999, INSERT ARRANGEMENTS<br>SERIES I, II & III | 9 OF 9 | MIL-DTL-38999 | - |

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