



# Sav-Con® connector savers

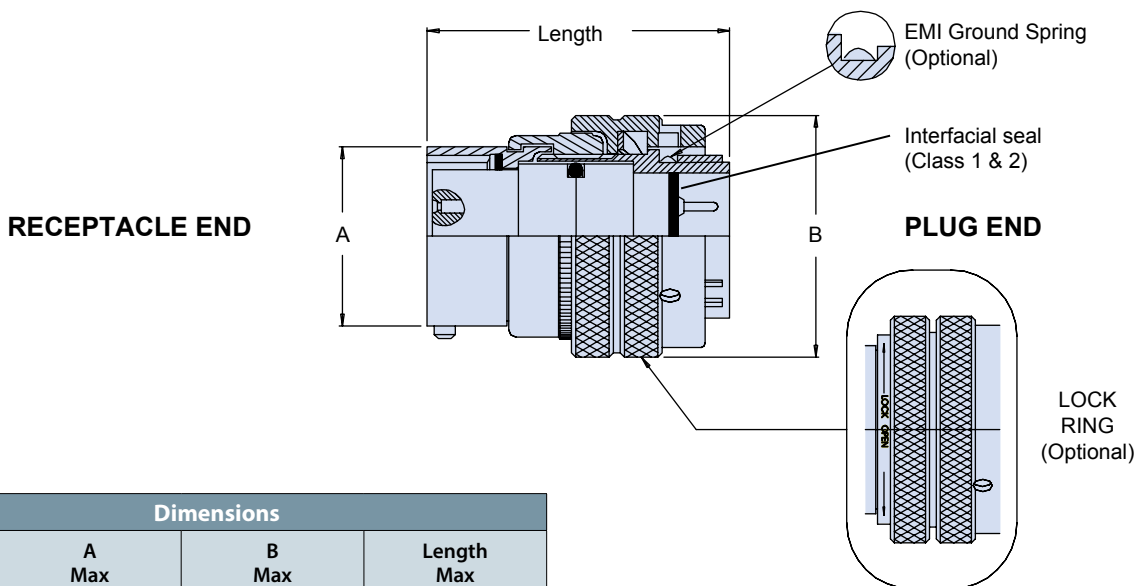


## MIL-DTL-26482 Series I and II

### 940-001, 941-001 and 942-001 Bayonet Coupling

#### 940-001 SERIES I GENERAL DUTY, 941-001 ENVIRONMENTAL AND 942-001 HIGH RELIABILITY

| How To Order           |                                                               |   |   |     |   |    |   |    |   |   |     |
|------------------------|---------------------------------------------------------------|---|---|-----|---|----|---|----|---|---|-----|
| Sample Part Number     | 94                                                            | 0 | L | 001 | M | 22 | G | 55 | P | X | 131 |
| Series                 | 94                                                            |   |   |     |   |    |   |    |   |   |     |
| Class                  | 0 = General Duty    1 = Environmental<br>2 = High Reliability |   |   |     |   |    |   |    |   |   |     |
| Lock Ring (optional)   | L = Lock Ring    — (dash) = Standard                          |   |   |     |   |    |   |    |   |   |     |
| Basic Number           | 001                                                           |   |   |     |   |    |   |    |   |   |     |
| Finish                 | See Table I                                                   |   |   |     |   |    |   |    |   |   |     |
| Shell Size             | See Table II                                                  |   |   |     |   |    |   |    |   |   |     |
| EMI Ground             | G = EMI Ground Spring (optional)    — (dash) = Standard       |   |   |     |   |    |   |    |   |   |     |
| Insert Arrangement     | See Table II                                                  |   |   |     |   |    |   |    |   |   |     |
| Contact Type           | P = Pins, Plug Side    S = Sockets, Plug Side                 |   |   |     |   |    |   |    |   |   |     |
| Alternate Key Position | W, X, Y, Z, Omit for Normal; See Table II                     |   |   |     |   |    |   |    |   |   |     |
| Mod Code               | 131 = Dry Lube, Omit for None                                 |   |   |     |   |    |   |    |   |   |     |



| Dimensions |              |              |              |
|------------|--------------|--------------|--------------|
| Shell Size | A Max        | B Max        | Length Max   |
| 08         | .474 (12.0)  | .750 (19.1)  | 1.375 (34.9) |
| 10         | .591 (15.0)  | .859 (21.8)  | 1.375 (34.9) |
| 12         | .751 (19.1)  | 1.031 (26.2) | 1.375 (34.9) |
| 14         | .875 (22.2)  | 1.156 (29.4) | 1.375 (34.9) |
| 16         | 1.001 (25.4) | 1.281 (32.5) | 1.375 (34.9) |
| 18         | 1.126 (28.6) | 1.391 (35.3) | 1.375 (34.9) |
| 20         | 1.251 (31.8) | 1.531 (38.6) | 1.500 (38.1) |
| 22         | 1.376 (35.0) | 1.656 (42.1) | 1.500 (38.1) |
| 24         | 1.501 (38.1) | 1.777 (45.1) | 1.500 (38.1) |

#### INTERMATEABLE WITH THE FOLLOWING CONNECTORS:

MIL-DTL-83723 Series I  
40M39569  
PAN 6432-1  
NFC C93-422 (HE301B)  
NFC C93-422 (HE302)  
NFC C93-422 (HE312)  
VG 95328

\*Add Modification Code 131 for Dry Lubricant on inside surfaces of Coupling Nut.

May not be suitable for space applications.



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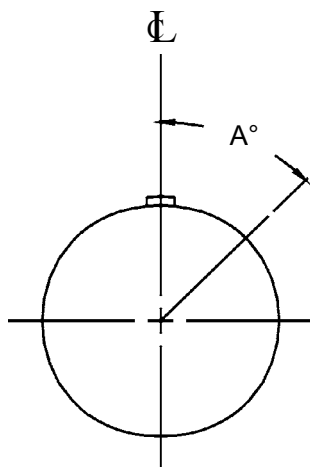
## MIL-DTL-26482 Series I and II

### Reference Information



**Table I: Material and Finish**

| Plating Code | Material        | Finish                                                |
|--------------|-----------------|-------------------------------------------------------|
| M            | Aluminum        | Electroless Nickel                                    |
| B            |                 | Cad Plate, Olive Drab                                 |
| NF           |                 | Cadmium Plate Olive Drab over Electroless Nickel      |
| NC           |                 | Zinc-Cobalt                                           |
| ZN           |                 | Olive Drab Zinc-Nickel                                |
| MT           |                 | Ni-PTFE 1000 Hour Grey™ (Nickel Fluorocarbon Polymer) |
| ZR           |                 | Zinc Nickel, Black                                    |
| ME           |                 | Electroless Nickel (RoHS)                             |
| ZL           | Stainless Steel | Electro-Deposited Nickel                              |



**FACE VIEW  
RECEPTACLE**

To avoid cross-plugging problems in applications requiring the use of more than one connector of the same size and arrangement, alternate positions are available.

In alternate positions, the pin insert rotates clockwise the same number of degrees relative to the center line of the master key or keyway. The socket insert would be rotated counter-clockwise the same number of degrees in respect to the normal shell key.

**Table IV: Capacitor Array Code Capacitance Range for Filtered connectors**

| Class | Pi - Circuit (pF) | C - Circuit (pF) |
|-------|-------------------|------------------|
| X*    | 160,000 - 240,000 | 80,000 - 120,000 |
| Y*    | 80,000 - 120,000  | 40,000 - 60,000  |
| Z*    | 60,000 - 90,000   | 30,000 - 45,000  |
| A     | 38,000 - 56,000   | 19,000 - 28,000  |
| B     | 32,000 - 45,000   | 16,000 - 22,500  |
| C     | 18,000 - 33,000   | 9,000 - 16,500   |
| D     | 8,000 - 12,000    | 4,000 - 6,000    |
| E     | 3,300 - 5,000     | 1,650 - 2,500    |
| F     | 800 - 1,300       | 400 - 650        |
| G     | 400 - 600         | 200 - 300        |
| J     | 70-120            | 35-60            |

\* Filter Classes X, Y and Z are 250 VDC.  
All others are 500 VDC

**Table II: Insert Arrangement and Alternate Positioning**

| Shell Size Desig. | Insert Arrangement Dash No | Contact Size: Quantity |    |    | Alternate Insert Positions |     |     |     |
|-------------------|----------------------------|------------------------|----|----|----------------------------|-----|-----|-----|
|                   |                            | 20                     | 16 | 12 | A Degrees                  |     |     |     |
| 8                 | 8-2                        | 2                      |    |    | 58                         | 122 | -   | -   |
|                   | 8-3                        | 3                      |    |    | 60                         | 210 | -   | -   |
|                   | 8-4                        | 4                      |    |    | 45                         | -   | -   | -   |
|                   | 8-33                       | 3                      |    |    | 90                         | -   | -   | -   |
|                   | 8-98                       | 3                      |    |    | -                          | -   | -   | -   |
| 10                | 10-6                       | 6                      |    |    | 90                         | -   | -   | -   |
|                   | 10-98                      | 6                      |    |    | 90                         | 180 | 240 | 270 |
| 12                | 12-3                       |                        | 3  |    | -                          | -   | 180 | -   |
|                   | 12-4                       |                        | 4  |    | 38                         | -   | -   | -   |
|                   | 12-8                       | 8                      |    |    | 90                         | 112 | 203 | 292 |
|                   | 12-10                      | 10                     |    |    | 60                         | 155 | 270 | 295 |
|                   | 12-14                      | 14                     |    |    | 60                         | 155 | 270 | 295 |
| 14                | 14-4                       |                        |    | 4  | 45                         | -   | -   | -   |
|                   | 14-5                       |                        | 5  |    | 40                         | 92  | 184 | 273 |
|                   | 14-9                       | 5                      |    | 4  | 15                         | 90  | 180 | 240 |
|                   | 14-12                      | 8                      | 4  |    | 43                         | 90  | -   | -   |
|                   | 14-15                      | 14                     | 1  |    | 17                         | 110 | 155 | 234 |
|                   | 14-18                      | 18                     |    |    | 15                         | 90  | 180 | 270 |
|                   | 14-19                      | 19                     |    |    | 30                         | 165 | 315 | -   |
|                   | 14-22                      | 1                      |    | 4  | 45                         | -   | -   | -   |
| 16                | 16-8                       |                        | 8  |    | 54                         | 152 | 180 | 331 |
|                   | 16-14                      | 8                      |    | 6  | 25                         | 78  | 180 | 240 |
|                   | 16-23                      | 22                     | 1  |    | 158                        | 270 | -   | -   |
|                   | 16-26                      | 26                     |    |    | 60                         | -   | 275 | 338 |
|                   | 16-99                      | 21                     | 2  |    | 66                         | 156 | 223 | 340 |
| 18                | 18-11                      |                        | 11 |    | 62                         | 119 | 241 | 340 |
|                   | 18-30                      | 29                     | 1  |    | 180                        | 193 | 285 | 350 |
|                   | 18-32                      | 32                     |    |    | 85                         | 138 | 222 | 265 |
|                   | 18-85                      | 5                      |    | 8  | 45                         | 90  | 180 | 240 |
| 20                | 20-16                      |                        | 16 |    | 238                        | 318 | 333 | 347 |
|                   | 20-24                      | 24                     |    |    | 70                         | 145 | 215 | 290 |
|                   | 20-25                      | 25                     |    |    | 72                         | 144 | 216 | 288 |
|                   | 20-27                      | 27                     |    |    | 72                         | 144 | 216 | 288 |
|                   | 20-39                      | 37                     | 2  |    | 63                         | 144 | 252 | 333 |
|                   | 20-41                      | 41                     |    |    | 45                         | 126 | 225 | -   |
|                   | 20-90                      | 3                      |    | 12 | 18                         | 60  | 240 | 270 |
| 22                | 22-12                      |                        |    | 12 | -                          | -   | -   | -   |
|                   | 22-19                      |                        |    | 19 | 15                         | 90  | -   | -   |
|                   | 22-21                      |                        | 21 |    | 16                         | 135 | 175 | 349 |
|                   | 22-32                      | 32                     |    |    | 72                         | 145 | 215 | 288 |
|                   | 22-34                      | 34                     |    |    | 62                         | 142 | 218 | 298 |
|                   | 22-36                      | 36                     |    |    | 72                         | 144 | 216 | 288 |
|                   | 22-37                      | 31                     | 6  |    | 90                         | 180 | 270 | -   |
|                   | 22-41                      | 27                     | 14 |    | 39                         | 135 | 264 | -   |
|                   | 22-55                      | 55                     |    |    | 30                         | 142 | 226 | 314 |
|                   | 22-95                      | 26                     |    | 6  | 26                         | 180 | 266 | -   |
|                   | 24-19                      |                        |    | 19 | 30                         | 165 | 315 | -   |
| 24                | 24-27                      | 11                     |    | 16 | 45                         | 110 | 140 | 225 |
|                   | 24-31                      |                        | 31 |    | 90                         | 225 | 255 | -   |
|                   | 24-61                      | 61                     |    |    | 90                         | 180 | 270 | 324 |