

# GLENAIR SERIES 260

## MIL-DTL-26482 Hermetic Series II Type

### 947-292 Bayonet Coupling Jam-Nut Mount Pin-Socket Feedthrough



| HOW TO ORDER            |                                                                                                                 |    |    |     |   |   |
|-------------------------|-----------------------------------------------------------------------------------------------------------------|----|----|-----|---|---|
| Sample Part Number      | 947-292                                                                                                         | Z1 | 22 | -55 | P | X |
| Series / Basic Part No. | 230-044 = Jam-Nut Mount Receptacle                                                                              |    |    |     |   |   |
| Material/Finish         | Z1 = Stainless Steel/Passivated<br>ZL = Stainless Steel/Nickel Plated                                           |    |    |     |   |   |
| Shell Size - Layout     | Shell Sizes: 8, 10, 12, 14, 16, 18, 20, 22, 24<br>Layout per MIL-STD-1669; see Shell Size - Insert Layout table |    |    |     |   |   |
| Contact Type            | P = Pin, Solder Cup      X = Pin, Eyelet<br>S = Socket, Solder Cup      Z = Socket, Eyelet                      |    |    |     |   |   |
| Alt. Polarization       | W, X, Y, Z, Omit for normal                                                                                     |    |    |     |   |   |

| HERMETIC LEAK RATE MOD CODES |                                            |
|------------------------------|--------------------------------------------|
| Designator                   | Required Leak Rate                         |
| -585A                        | 1 x 10 <sup>-10</sup> cc Helium per second |
| -585B                        | 1 x 10 <sup>-9</sup> cc Helium per second  |
| -585C                        | 1 x 10 <sup>-8</sup> cc Helium per second  |

#### NOTES

- To be identified with manufacturer's name, part number and date code, space permitting.
- Hermeticity: <1x10<sup>-7</sup> cc/sec @ 1 ATM differential
- Material/Finish:
  - Shell and jam-nut: per part number development Titanium and Inconel® available, consult factory.
  - Contacts: alloy 52/gold plate
  - Bayonets: CRES/passivated
  - Insulator: vitreous glass seal
  - Seals: silicone elastomer
  - Spacer: high grade rigid dielectric

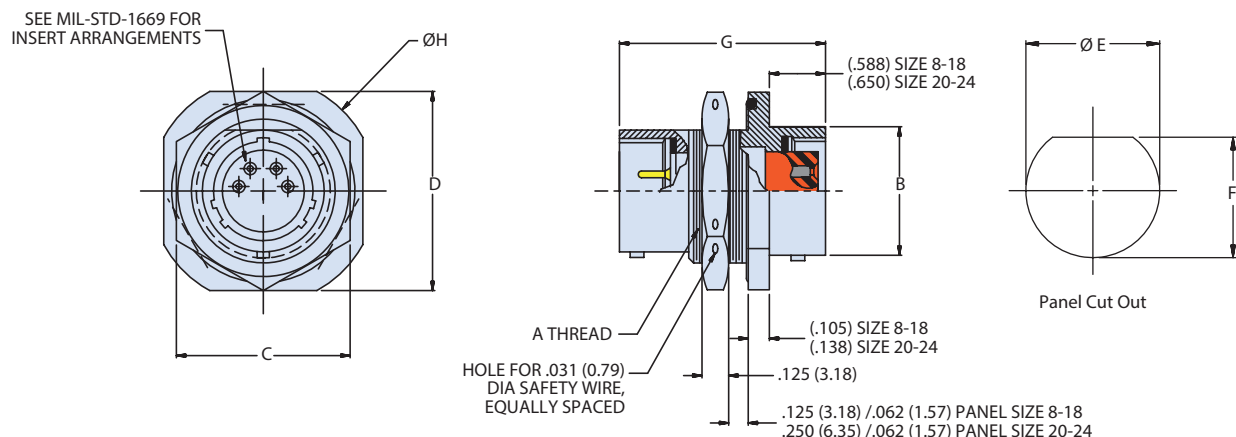
| SHELL SIZE - INSERT LAYOUT |                 |    |    |                     |                 |    |    |                     |                 |    |    |
|----------------------------|-----------------|----|----|---------------------|-----------------|----|----|---------------------|-----------------|----|----|
| Shell Size - Layout        | Size / Quantity |    |    | Shell Size - Layout | Size / Quantity |    |    | Shell Size - Layout | Size / Quantity |    |    |
|                            | 20              | 16 | 12 |                     | 20              | 16 | 12 |                     | 20              | 16 | 12 |
| 8-2                        | 2               |    |    | 14-9                | 5               |    | 4  | 18-11               |                 | 11 |    |
| 8-3                        | 3               |    |    | 14-12               | 8               | 4  |    | 18-30               | 29              | 1  |    |
| 8-4                        | 4               |    |    | 14-15               | 14              | 1  |    | 18-32               | 32              |    |    |
| 8-33                       | 3               |    |    | 14-18               | 18              |    |    | 18-85               | 5               |    | 8  |
| 8-98                       | 3               |    |    | 14-19               | 19              |    |    | 20-16               |                 | 16 |    |
| 10-6                       | 6               |    |    | 14-22               | 1               |    | 4  | 20-24               | 24              |    |    |
| 10-98                      | 6               |    |    | 16-8                |                 | 8  |    | 20-27               | 27              |    |    |
| 12-3                       |                 | 3  |    | 16-14               | 8               |    | 6  | 20-39               | 37              | 2  |    |
| 12-8                       | 8               |    |    | 16-23               | 22              | 1  |    | 20-41               | 41              |    |    |
| 12-10                      | 10              |    |    | 16-26               | 26              |    |    | 20-90               | 3               |    | 12 |
| 14-4                       |                 |    | 4  | 16-99               | 21              | 2  |    | 22-12               |                 |    | 12 |
| 14-5                       |                 | 5  |    | 18-8                |                 |    | 8  | 22-19               |                 |    | 19 |
|                            |                 |    |    |                     |                 |    |    |                     |                 |    |    |

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| DIMENSIONS |                   |              |              |              |                               |                               |              |                    |
|------------|-------------------|--------------|--------------|--------------|-------------------------------|-------------------------------|--------------|--------------------|
| Shell Size | A Thread Class 2A | B Dia Max    | C Hex        | D Flats      | E Dia +.010 -.005 (+0.3 -0.1) | F Dim +.010 -.005 (+0.3 -0.1) | G Max        | H Dia ± .016 (0.4) |
| 8          | 9/16-24 UNEF      | .474 (12.0)  | .750 (19.1)  | .954 (24.2)  | .572 (14.5)                   | .536 (13.6)                   | 1.420 (36.1) | 1.062 (27.0)       |
| 10         | 11/16-24 UNEF     | .591 (15.0)  | .875 (22.2)  | 1.078 (27.4) | .697 (17.7)                   | .661 (16.8)                   | 1.420 (36.1) | 1.187 (30.1)       |
| 12         | 7/8-20 UNEF       | .751 (19.1)  | 1.062 (27.0) | 1.266 (32.2) | .895 (22.7)                   | .824 (20.9)                   | 1.420 (36.1) | 1.375 (34.9)       |
| 14         | 1-20 UNEF         | .876 (22.3)  | 1.188 (30.2) | 1.391 (35.3) | 1.010 (25.7)                  | .948 (24.1)                   | 1.420 (36.1) | 1.500 (38.1)       |
| 16         | 1 1/8-18 UNEF     | 1.001 (25.4) | 1.312 (33.3) | 1.516 (38.5) | 1.135 (28.8)                  | 1.072 (27.2)                  | 1.420 (36.1) | 1.625 (41.3)       |
| 18         | 1 1/4-18 UNEF     | 1.126 (28.6) | 1.438 (37.0) | 1.641 (41.7) | 1.260 (32.0)                  | 1.197 (30.4)                  | 1.420 (36.1) | 1.750 (44.5)       |
| 20         | 1 3/8-18 UNEF     | 1.251 (31.8) | 1.562 (39.7) | 1.828 (46.4) | 1.385 (35.2)                  | 1.322 (33.6)                  | 1.580 (40.1) | 1.938 (49.2)       |
| 22         | 1 1/2-18 UNEF     | 1.376 (35.0) | 1.688 (42.9) | 1.954 (49.6) | 1.510 (38.0)                  | 1.447 (36.8)                  | 1.580 (40.1) | 2.062 (52.4)       |
| 24         | 1 5/8-18 UNEF     | 1.501 (38.1) | 1.812 (46.0) | 2.087 (53.0) | 1.635 (41.5)                  | 1.572 (39.9)                  | 1.620 (41.1) | 2.187 (55.5)       |