

180-153 Internal Mount Jam Nut Receptacle with Strain Relief, 4-channel, MIL-DTL-83526 type

RUGGED FIELD / EXPANDED BEAM

MATERIAL AND FINISH

- Internal hardware: Al alloy/ anodize
- Misc. hardware: Stainless steel/ passivate
- Lanyard: Stainless steel/coated
- Strain relief wedge: Copper alloy/nickel
- Flexible bend restrictor: Nylon
- Cable grommet: Nitrile

NOTES

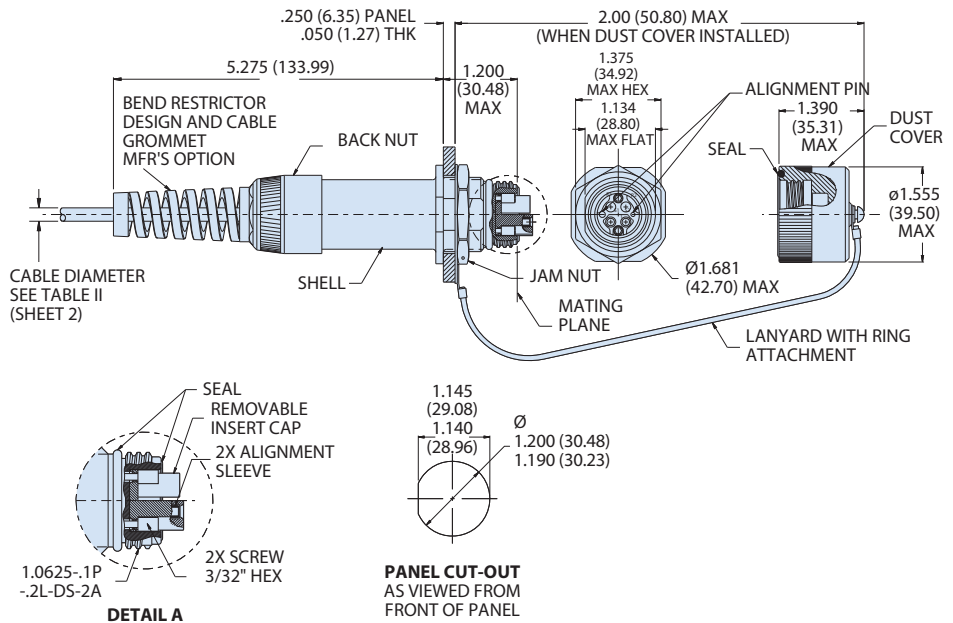
- Connector assembly is designed IAW the interface requirements of MIL-DTL-83526/17 (Draft).

| MATERIAL AND FINISH | | |
|---------------------|-----------------|---------------------------|
| Code | Material | Finish Description |
| G2 | Aluminum Alloy | Hard Anodize, Gray |
| ZN | | Zinc-Nickel, Olive Drab |
| ZR | | Zinc-Nickel, Black (RoHS) |
| Z1 | Stainless Steel | Passivate |
| ZL | | Electrodeposited Nickel |

| SEAL MATERIAL | |
|---------------|--|
| No. | Seal Material(s) |
| 1 | Fluorosilicone and nitrile with Fluorosilicone panel seal |
| 2 | Fluorosilicone and nitrile with conductive fluorosilicone panel seal |

| CABLE ENTRY | | |
|-------------|----------------|-----------|
| Dash No. | Cable Diameter | |
| | Inch | mm |
| -01 | .190-.315 | 4.83-8.00 |
| -02 | .316-.379 | 8.03-9.63 |

| HOW TO ORDER | | | | | | | |
|-------------------------------|---|----|-----|---|---|---|---|
| Sample Part Number | 180-153 | ZR | -01 | N | 1 | F | 1 |
| Basic Number | Hermaphroditic GFOCA internal mount jam nut receptacle with strain relief | | | | | | |
| Material/Finish | See Material and Finish Table | | | | | | |
| Cable Entry Code | -01 or -02, see Cable Entry Table | | | | | | |
| Alignment Sleeve Style | N = None. Consult factory for additional options | | | | | | |
| Insert Cap Key | 1, 2, 3, 4 (See Insert Cap Key Table) | | | | | | |
| Dust Cover Style | F = Female H = Hermaphroditic N = None | | | | | | |
| Seal Material | See Seal Material Table | | | | | | |



| INSERT CAP KEY CONFIGURATIONS | | | | |
|-------------------------------|--|--|--|-------------------|
| Dash No: | 1 | 2 | 3 | |
| Config. | Key 1 | Key 2 | Key 3 | |
| | <p>2X .139 / .137</p> <p>.043 / .002 TYP</p> <p>Key Polarization Marking</p> | <p>.084 / .082</p> <p>.162 / .160</p> <p>.159 / .157</p> | <p>.162 / .160</p> <p>.084 / .082</p> <p>.159 / .157</p> | |
| | | | <th>4</th> | 4 |
| | | | <th>Key U (universal)</th> | Key U (universal) |
| | | | <p>2X .162 / .160</p> <p>4X CAVITY MARKING</p> | |