Product Features

- Inserts based on MIL-C-5015
- Bayonet coupling in accordance with VG95234 (120° turn)
- Intermateable with Cannon (CA-B), Amphenol (GT), Veam (CIR), AB (ABCIR), FEI (CB).
- Contact types: solder, crimp, PCB, coaxial, fiber optic, thermocouple
- Contact platings: silver (std), gold
- Contact sizes: #20 to #4/0
- Shell platings:
  - Olive drab cadmium (std)
  - F2 bright nickel (RoHS)
  - F6 black electrodeposited paint (RoHS)
  - F7 black zinc cobalt (RoHS)
  - F8 olive drab zinc cobalt
- Ratings:
  - 500 mating cycles minimum
  - 7.5 amps to 225 amps
  - 26 AWG to 4/0 AWG
  - 200 Vac to 4200 Vdc
  - Temperature -55° C to +125° C (F6 and F7 Platings)
  - Submersible 12 hours to 10 meters with backshell and gland
- Fire resistant and halogen free materials available

Connector/Backshell Class
- A - Non-Environmental
- GR, SP - Environmental (Includes Wire Sealing Grommet)
- G, F, R, RS - Environmental (Includes Wire Sealing Grommet and Compression Ring)

Contact Type
- 31 - Solder
- 41 - Crimp

Contact Gender
- P - Pin
- S - Socket

Mod Code Option
- 00 - Front Panel Mount Square Flange Receptacle with Accessory Threads
- 01 - In-Line Cylindrical Receptacle with Accessory Threads
- 02 - Front Panel Mount Square Flange Receptacle—No Accessory Threads
- 03 - Rear Panel Mount Square Flange Receptacle—No Accessory Threads
- 030 - Rear Panel Mount Square Flange Receptacle with Accessory Threads
- 038 - Rear Panel Mount Square Flange Receptacle with 90° Backshell
- 05 - Dummy Receptacle
- 06 - Straight Cylindrical Plug Connector with Accessory Threads
- 07 - Rear Panel Mount Jam Nut Receptacle—No Accessory Threads
- 070 - Rear Panel Mount Jam Nut Receptacle with Accessory Threads
- 078 - Rear Panel Mount Jam Nut Receptacle with 90° Backshell
- 08 - Cylindrical Plug Connector with 90° Backshell
- 26 - Square Flange Panel Mount Plug
- 32PP - Solid Contact Bulkhead Feed Through

Contact Shell Styles

- FR - Fire Resistant Inserts
- ITS - Add FR to Front of any Part Number

Plug Grounding Fingers
- Gold for Standard

Material Option
- FK - Stainless Steel Passivate
- MB - Marine Bronze Oxid
- AE - For Standard Aluminum

Alternate Insert Rotation
- Gold for Normal

Accessory Description Code

Series ITS 5015 Reverse Bayonet Exploded View

1. Plug Shell O-Ring
2. Plug Shell
3. Insert
4. Crimp Contacts
5. Coupling Nut
6. Grommet
7. Compression Ring
8. Backshell O-Ring
9. Backshell
10. Bushing
11. Cable Clamp
12. Straight Plug
13. Box Mount

Glenair®
## Glenair Series ITS 5015 Reverse Bayonet Connector Cross-Reference

<table>
<thead>
<tr>
<th>Shell Styles</th>
<th>ITT Cannon (-B)</th>
<th>PEI (CB)</th>
<th>Glenair (ITS)</th>
<th>Amphenol (GT)</th>
<th>Veam (CIR)</th>
<th>AB (ABCIR)</th>
<th>Spacecraft (SCPB)</th>
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<tbody>
<tr>
<td>Wall Mount Receptacle</td>
<td>CA3100</td>
<td>CB0</td>
<td>ITS3100</td>
<td>GT00</td>
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<td>ABCIR00</td>
<td>SCPB00</td>
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<td>CB1</td>
<td>ITS3101</td>
<td>GT01</td>
<td>CIR01</td>
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<td>SCPB1</td>
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<td>GT02</td>
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<td>CB6</td>
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<td>GT06</td>
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<td>CB7</td>
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<td>GT07</td>
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<td>ITS3108</td>
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<td>SCPB08</td>
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<td>TBF</td>
<td>ITS02PP</td>
<td>GTTB</td>
<td>CIRTB</td>
<td>SCPB-TB</td>
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## Service Classes

| Environmental: Backshell, Clamp  | E                | E        | F              | F              | F             | F             | JE              | E |
| Environmental: Backshell, Grommet, Ferrule | F              | F        | R              | R              | R             | R             | R               | R |
| Environmental: Backshell, Grommet, Ferrule | R              | R        | RS             | RV             | RV            | R             | RV              |   |

## Modifications

| Less Backshell, Grommet, Ferrule  | F42             | F42      | svc class A___N0 | No Class   |
| Less Grommet and Ferrule         | F85             | F85      | svc class A     | svc class A |
| AWG Crimp Contacts               | F80             | C        | ITS41           | GTC        | F80          | F80          | F80             |
| Less Contacts                     | F0              | F0       | B0              | LC          | V0           | F0           |
| Black Zinc Cobalt                 | A232            | A232     | F7              | (025)       | T108         | M32          | -025            |
| Olive Drab Zinc Cobalt            | A233            | A233     | F8              | (024)       | T100 / T120  | M11          | -024            |
| Bright Nickel                     | A34             | A34      | F2              |             |              |              |                 |

## Finishes

RoHS Compliant Finishes

- **F2** = Electrolytic Nickel
- **F6** = Black Electrodeposited Paint
- **F7** = Black Zinc Cobalt