



APPLICATION NOTES

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| <p>1. Assembly identified with manufacturer's name and part number, space permitting</p> <p>2. Material/finish: Shell assembly—Al alloy/see Table II Bayonet pins—CRES/passivate</p> | <p>Contacts—copper alloy/gold plate Insulators—high-grade rigid dielectric/N.A. Interfacial & peripheral seals—silicone/ N.A.</p> <p>3. Metric Dimensions (mm) are indicated in parentheses</p> <p>4. See MIL-DTL-38999 for Insert Arrangements</p> |
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GC443
In-Line/Flange Mount Receptacle • Plug/Plug
MIL-DTL-38999 Series I Type



Sav-Con®
 Connector
 Savers

TABLE II: SHELL FINISHES

| Plating Code | Material | Finish |
|--------------|----------|--|
| M | Aluminum | Electroless Nickel |
| B | Aluminum | Cad Plate, Olive Drab |
| NF | Aluminum | Cadmium Plate Olive Drab over Electroless Nickel |
| NC | Aluminum | Zinc-Cobalt |
| ZN | Aluminum | Olive Drab Zinc-Nickel |
| MT | Aluminum | Ni-PTFE 1000 Hour Grey™ (Nickel Fluorocarbon Polymer) |

TABLE I: CONNECTOR DIMENSIONS

| SHELL SIZE | A DIA MAX | B DIA MAX | C +.010-.005 (+0.3-0.1) | D DIM | E DIM ±.020(0.5) | F DIA MAX |
|------------|-------------|------------|-------------------------|-------------|------------------|-------------|
| 09 | .573(14.6) | .632(16.1) | .128(3.3) | .719(18.3) | .938(23.8) | .859(21.8) |
| 11 | .701(17.8) | .632(16.1) | .128(3.3) | .812(20.6) | 1.031(26.2) | .984(25.0) |
| 13 | .851(21.6) | .632(16.1) | .128(3.3) | .906(23.0) | 1.125(28.6) | 1.156(29.4) |
| 15 | .976(24.8) | .632(16.1) | .128(3.3) | .969(24.6) | 1.219(31.0) | 1.281(32.5) |
| 17 | 1.101(28.0) | .632(16.1) | .128(3.3) | 1.062(27.0) | 1.312(33.3) | 1.406(35.7) |
| 19 | 1.208(30.7) | .632(16.1) | .128(3.3) | 1.156(29.4) | 1.438(36.5) | 1.516(38.5) |
| 21 | 1.333(33.9) | .602(15.3) | .147(3.7) | 1.250(31.8) | 1.562(39.7) | 1.641(41.7) |
| 23 | 1.458(37.0) | .602(15.3) | .147(3.7) | 1.375(34.9) | 1.688(42.9) | 1.766(44.9) |
| 25 | 1.583(40.2) | .602(15.3) | .147(3.7) | 1.500(38.1) | 1.812(46.0) | 1.891(48.0) |

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