**SPECIFICATIONS:**

1) **MATERIALS:**
   - INSERT: VALOX, TYPE GPT-30F, PER MIL-M-24519
   - SHELL: COLD ROLLED STEEL, PER ASTM A568 AND ASTM A620

2) **FINISHES AND COLOR:**
   - INSERT: BLACK
   - SHELL: TIN, CLASS FE/SN8, (.0003000), PER ASTM B545

3) **ELECTRICAL PROPERTIES:**
   - DIELECTRIC STRENGTH: 500 TO 1,000 VOLTS RMS AT SEAL LEVEL;
     200 TO 325 VOLTS RMS AT 70,000 FEET
   - INSULATION RESISTANCE: 1 MEGOHM MINIMUM

4) **MECHANICAL PROPERTIES:**
   - OPERATING TEMPERATURE: -67°F TO +257°F (-55°C TO +125°C)
   - SHOCK RESISTANCE: NO INTERRUPTION OF ELECTRICAL CONTINUITY LONGER THAN 1 MICROSECOND.
   - VIBRATION RESISTANCE: NO INTERRUPTION OF ELECTRICAL CONTINUITY LONGER THAN 1 MICROSECOND.

5) **DIMENSIONS ARE FOR REFERENCE ONLY, UNLESS OTHERWISE SPECIFIED.**

6) **CONNECTOR MEETS REQUIREMENTS OF MIL-C-24308, LATEST REVISION.**

7) **ABOVE REQUIREMENTS DO NOT INCLUDE PDM OR PKZ CONTACTS, PLEASE REFER TO INDIVIDUAL SPECIFICATIONS SHEETS.**

8) **ALL MATERIALS AND FINISHES ARE ROHS COMPLIANT.**

**NOTES:**

- 10° TYP.
- 2X Ø.120 THRU HOLE
- 2.729 ± .015
- 2.500 ± .005
- 2.159 ± .005
- .311 ± .005
- .494 ± .015
- .243 ± .005
- .429 ± .010
- .039 ± .010
- .400 ± .010

**APPENDIX:**