**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, (.0030000), 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.**

**APPLICATIONS:**

- DSUB; 3W3 RCPT, SZ 12, HIGH DENSITY, #4-40 SWAGED STND-OFF, .323, TIN PLTD, ROHS

**REVISIONS:**

- RELEASED TO PRODUCTION: 03-29-16

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**CONTRACT NO.**

- 60563

**FOOTPRINT W/O CONTACTS**

SCALE 2:1

**MATING FACE OF CONNECTOR**

**SCALE 2:1**