**SPECIFICATIONS:**

1) **MATERIALS:**
   - INSERT: VALOX, TYPE GPT-30F, PER MIL-M-24519
   - SHELL: COLD ROLLED STEEL, PER ASTM A558 AND ASTM A620

2) **FINISHES AND COLOR:**
   - INSERT: BLACK
   - SHELL: TIN, CLASS Fe/Sn#, (0.003000), PER ASTM B545

3) **ELECTRICAL PROPERTIES:**
   - DIEMETRIC 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.**

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**APPLICATIONS**

- DSUB; 16W16 PLG, SZ 12, HD, #4-40 STND-OFF & R/A BRKT W/PUSH-ON FSTNR, TIN, ROHS

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**REVISES**

- **DESCRIPTION:**
  - FILE NAME: PTRP16W163G.idw
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**CONTRACT NO.**

- **APPROVALS DATE**
  - A. Huezzo 04/08/16

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**PRODUCT NO.**

- **FILE NAME:** PTRP16W163G

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**THE PHOENIX Company of Chicago**

- **DATE**
  - 04-08-16

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**SCALE 2:1**

- **SHADE**
  - A

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**FILE NAME:** PTRP16W163G.idw

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**APPROVALS DO DATE**

- A. Huezzo 04/08/16

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**APPLICATIONS DO NOT SCALE DRAWING**

- SCALE 2:1