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.


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APPLICATIONS

DO NOT SCALE DRAWING

REV.

DESCRIPTION

DATE

APPROVED

REV.

FILE NAME: PTRP16W163.dwg

The PHOENIX Company of Chicago

DSUB CONN; 16W16 PLUG, SIZE 12, HIGH DENSITY, STND MOUNTING, TIN PLATED, ROHS