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/SH8, (.003000), 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.

FILE NAME: PTRP16W163E.idw