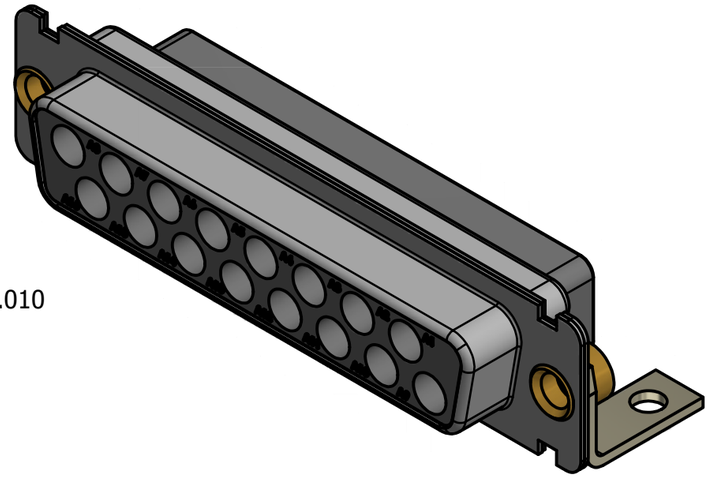
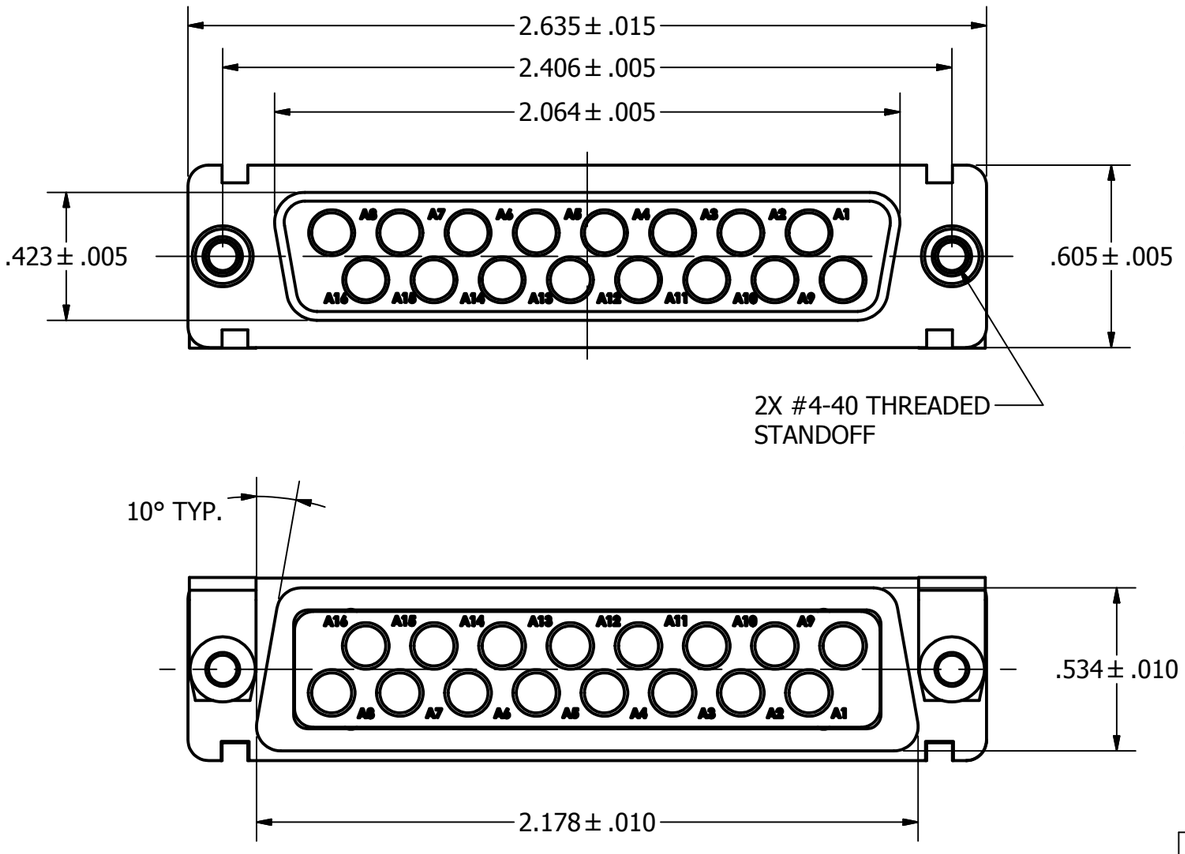
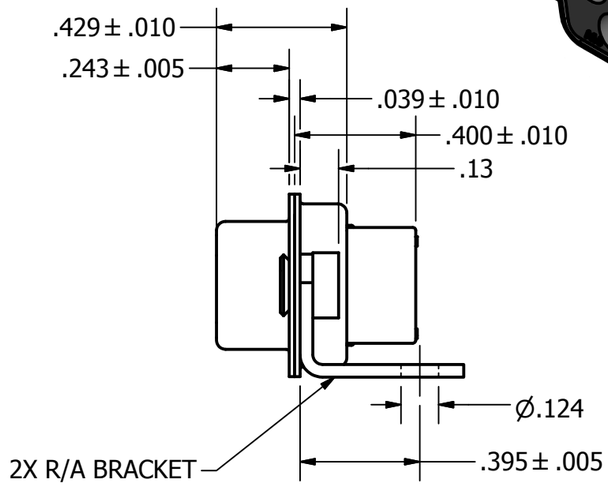
SPECIFICATIONS:

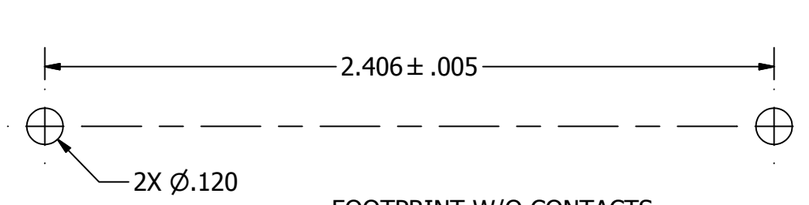
1) MATERIALS:
   INSERT: VALOX, TYPE GPT-30F, PER MIL-M-24519
   SHELL: COLD ROLLED STEEL, PER ASTM A568 AND ASTM A620
2) FINISHES AND COLOR:
   INSERT: BLACK
   SHELL: TIN, CLASS FE/SN8, (.0003000), PER ASTM B545
3) ELECTRICAL PROPERTIES:
   DIELECTRIC STRENGTH: 500 TO 1,000 VOLTS RMS AT SEAL LEVEL;
   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 INTERUPTION OF ELECTRICAL CONTITNUITY LONGER THAN 1 MICROSECOND.
   VIBRATION RESISTANCE: NO INTERUPTION OF ELECTRICAL CONTITNUITY LONGER THAN 1 MICROSECOND.
5) DIMENSIONS ARE FOR REFERENCE ONLY, UNLESS OTHERWISE SPECIFIED.
6) CONNECTOR MEETS REQUIREMENS 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.

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	RELEASED FOR PRODUCTION	04-08-16	AH









FOOTPRINT W/O CONTACTS
SCALE 2:1

WARNING - THIS DOCUMENT CONTAINS TECHNICAL DATA WHOSE EXPORT IS RESTRICTED BY THE ARMS EXPORT CONTROL ACT (TITLE 22, U.S.C., SEC 2751, ET. SEQ.) OR THE EXPORT ADMINISTRATION ACT OF 1979, AS AMENDED, TITLE 50, U.S.C., APP 2401 ET SEQ. VIOLATIONS OF THESE EXPORT LAWS ARE SUBJECT TO SEVERE CRIMINAL PENALTIES. DISSEMINATE IN ACCORDANCE WITH PROVISIONS OF DOD DIRECTIVE 5230.25.

NEXT ASSEMBLY	USED ON
APPLICATIONS	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
FRACTIONS ±1/64 DECIMALS .XX ±.01 .XXX ±.003 ANGLES ±1/2°

THE INFORMATION DISCLOSED IN THIS DOCUMENT IS CONFIDENTIAL AND PROPRIETARY TO PHOENIX CO. INC. AND MAY NOT BE USED FOR MANUFACTURE OR ANY OTHER PURPOSE WITHOUT THE WRITTEN CONSENT OF PHOENIX CO. INC.

DO NOT SCALE DRAWING

CONTRACT NO.

APPROVALS	DATE
DRAWN A. Huezo	04/08/16
CHECKED A. Huezo	04/08/16
ISSUED	

The PHOENIX Company of Chicago TM

DSUB;16W16 RCPT,SZ 12,HIGH DENSITY, #4-40 STND-OFF & R/A BRKT, TIN PLATED, ROHS

SIZE	FSCM NO.	DWG. NO.	REV.
B	60563	PTRR16W163E	A

SCALE 2:1 SHEET 1 OF 1

FILE NAME: PTRR16W163E.idw