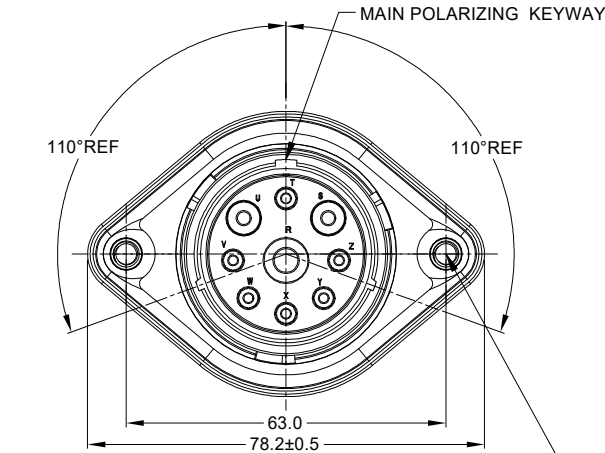


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE NEW DRAWING	11/AUG/20	IAN	TOMMY



NOTES: UNLESS OTHERWISE SPECIFIED

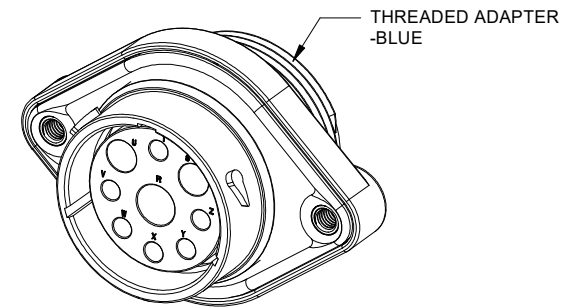
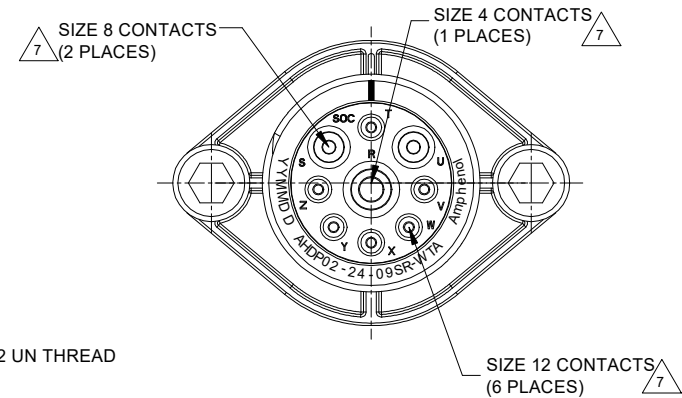
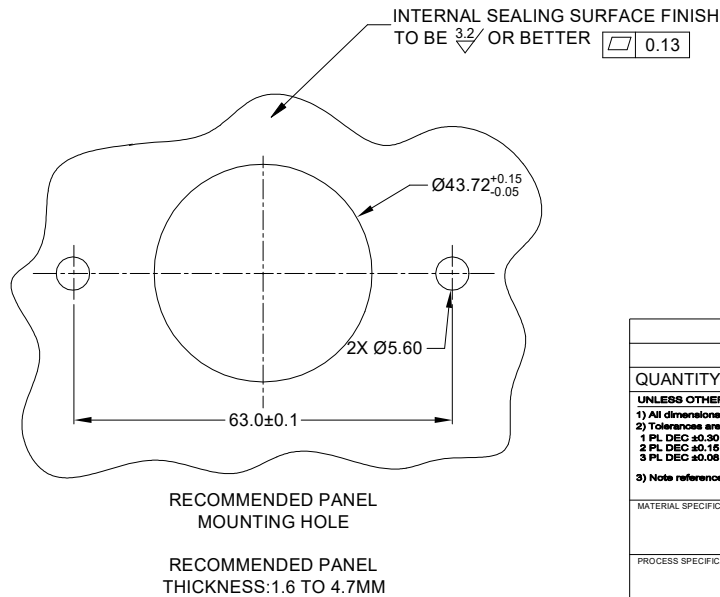
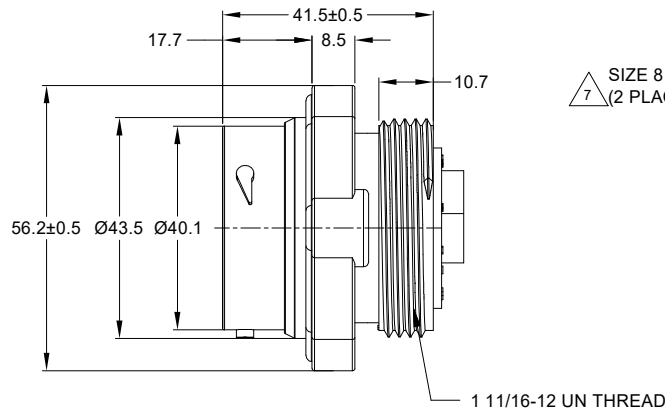
- MATERIAL:
HOUSING: THERMOPLASTIC; BLACK
SEAL: SILICONE RUBBER
THREADED INSERT: STAINLESS STEEL
- MODIFICATIONS: WIDE THREAD ADAPTOR (WTA);
REDUCED DIA. WIRE SEAL
SEALED PANEL MOUNT
- SPECIFICATIONS:
3.1 OPERATING TEMPERATURE: -55°C TO +125°C.
3.2 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.
3.3 INSULATION RESISTANCE: 1000 MEGOHM MIN @ 25°C.
3.4 MOISTURE RESISTANCE: IP67&IP69K (MATED CONDITION).
3.5 MATING CYCLE DURABILITY: 100 CYCLES
3.6 RoHS COMPLIANT
- MATING PART: AHDP06-24-09P* (* = SEAL TYPE)
- ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.
- RECEPTACLE IS SUPPLIED WITH DUST CAP(NOT SHOWN).

CONTACT SIZE AND WIRE RANGE:

CONTACT SIZE	MIN. INSUL O.D.	MAX. INSUL O.D.	TYPICAL WIRE RANGE	CURRENT RATING
4	6.63 mm (.261 in)	7.42 mm (.292 in)	6 AWG (16.0-13.0mm ²)	100 AMPS
8	3.43 mm (.135in)	5.59 mm (.220 in)	8-10 AWG (10.0-5.0mm ²)	60 AMPS
12	2.46 mm (.097 in)	4.01 mm (.158 in)	10-14 AWG (6.0-2.0mm ²)	25 AMPS

M5X0.8-6H 8mm(2X) DEEP
THREADED INSERT

RECOMMENDED TORQUE
VALUES: 1.9-2.2 N.m



AHDP02-24-09SR-WTA		DESCRIPTION		ITEM
QUANTITY	PART NUMBER	MATERIALS LIST		
UNLESS OTHERWISE SPECIFIED		SIGNATURES	DATE	
1) All dimensions are in metric(mm).		DRAWN: IANJAO	11/AUG/20	
2) Tolerances are as follows:		CHECKED: ORION	12/AUG/20	
1 PL DEC ±0.30		ENGINEER:		
2 PL DEC ±0.16		APPROVAL: TOMMY	14/AUG/20	
3 PL DEC ±0.08		CUSTOMER:		
3) Note reference =		THIS DRAWING IS SUPPLIED FOR INFORMATION ONLY. DESIGN FEATURES, SPECIFICATIONS AND PERFORMANCE DATA SHOWN HEREON ARE THE PROPERTY OF THE AMPHENOL CORPORATION. NO RIGHTS OF REPRODUCTION ARE IMPLIED. ALL DIMENSIONS ARE SUBJECT TO NORMAL MANUFACTURING VARIATIONS.		
MATERIAL SPECIFICATIONS:		SIZE TYPE DWG NO. REVISION		
PROCESS SPECIFICATIONS:		B C- AHDP02-24-09SR-WTA A1		
NEXT ASSY:		SCALE NONE DURAMATE SHEET 1 OF 1		

TITLE: 9 POS. RECEPTACLE SOCKET, PANELMATE AHDP SIZE 24, RD SEAL, WTA

DWG NO.: AHDP02-24-09SR-WTA

REV: A1

SH: 1

OF: 1