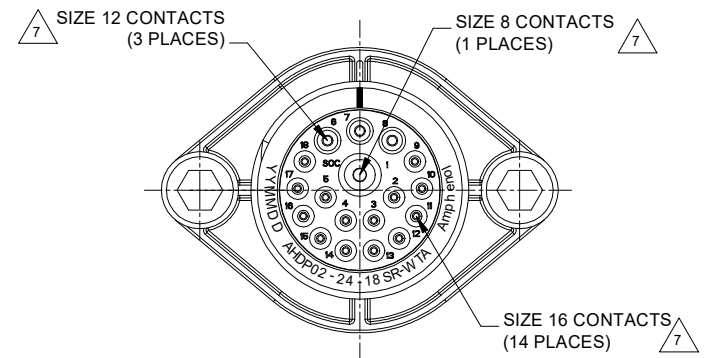
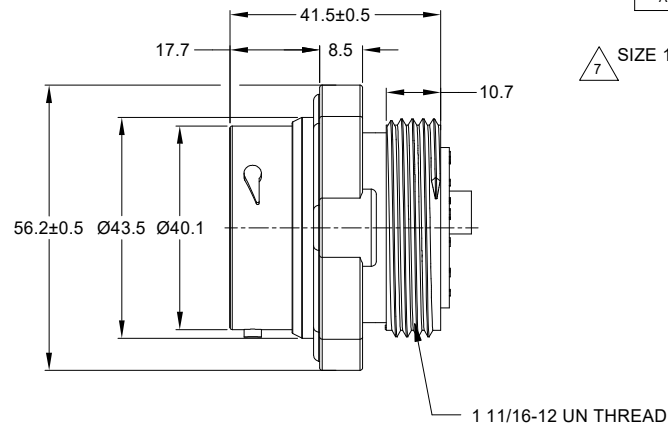
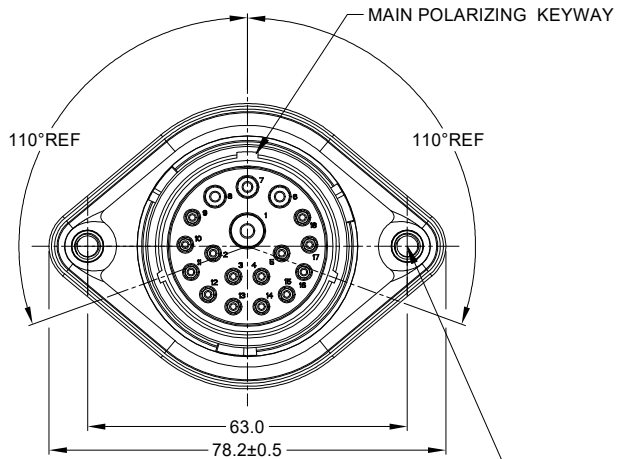




NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL:

HOUSING: THERMOPLASTIC; BLACK
SEAL: SILICONE RUBBER
THREADED INSERT: STAINLESS STEEL

2. MODIFICATIONS: WIDE THREAD ADAPTOR (WTA);
REDUCED DIA. WIRE SEAL
SEALED PANEL MOUNT

3. 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

4. MATING PART: AHDP06-24-18P* (* = SEAL TYPE)

5. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

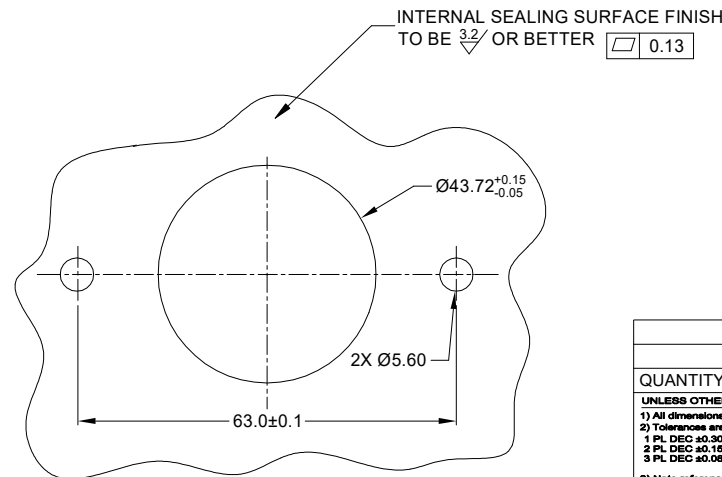
6. RECEPTACLE IS SUPPLIED WITH DUST CAP(NOT SHOWN).

7 CONTACT SIZE AND WIRE RANGE:

CONTACT SIZE	MIN. INSUL O.D.	MAX. INSUL O.D.	TYPICAL WIRE RANGE	CURRENT RATING
8	3.43 mm (.135in)	5.59 mm (.220 in)	8-10 AWG (10.0-5.0mm²)	60 AMPS
12	2.46 mm (.097in)	4.01 mm (.158 in)	10-14 AWG (6.0-2.0mm²)	25 AMPS
16	1.35 mm (.053 in)	3.05 mm (.120 in)	14-20 AWG (2.0-0.5mm²)	13 AMPS

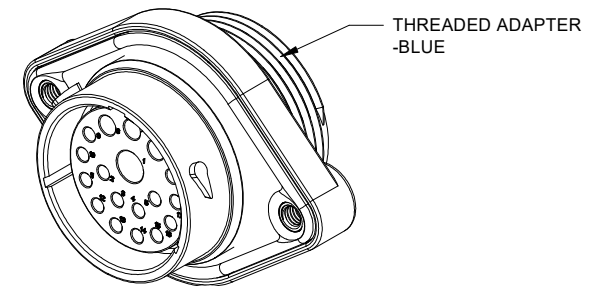
M5X0.8-6H 8mm(2X) DEEP
THREADED INSERT

RECOMMENDED TORQUE
VALUES: 1.9-2.2 N.m



RECOMMENDED PANEL
MOUNTING HOLE

RECOMMENDED PANEL
THICKNESS:1.6 TO 4.7MM



AHPD02-24-18SR-WTA		DESCRIPTION		ITEM
PART NUMBER		MATERIALS LIST		
QUANTITY				
UNLESS OTHERWISE SPECIFIED 1) All dimensions are in metric(mm). 2) Tolerances are as follows: 1 PL DEC ±0.30 2 PL DEC ±0.16 3 PL DEC ±0.08 3) Note reference = 		SIGNATURES	DATE	Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036 18 POS, SOCKET, PIN, PANELMATE AHPD SIZE 24, RD SEAL, WTA
MATERIAL SPECIFICATIONS:		DRAWN: IANJIAO	10/SEP/20	
		CHECKED: ORION	11/SEP/20	
		ENGINEER:		
		APPROVAL: TOMMY	14/SEP/20	
PROCESS SPECIFICATIONS:		CUSTOMER:		SIZE TYPE DWG NO. REVISION B C- AHPD02-24-18SR-WTA A1 SCALE NONE DURAMATE SHEET 1 OF 1
		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.		
NEXT ASSY:				

TITLE: 18 POS. SOCKET, PIN, PANELMATE AHPD SIZE 24, RD SEAL, WTA

DWG NO.: AHPD02-24-18SR-WTA

REV: A1

SH: 1

OF: 1