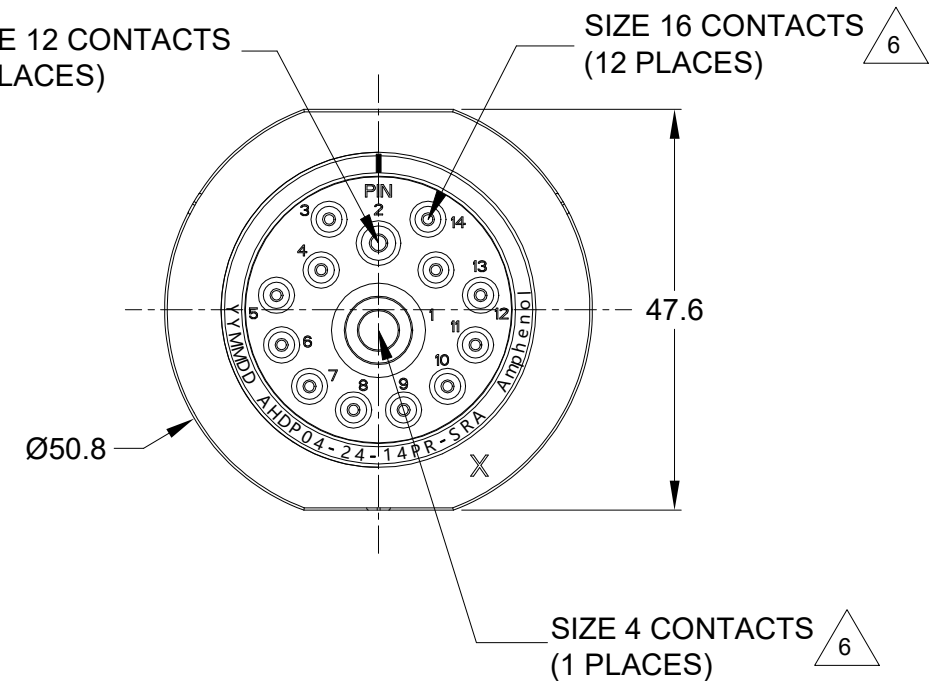
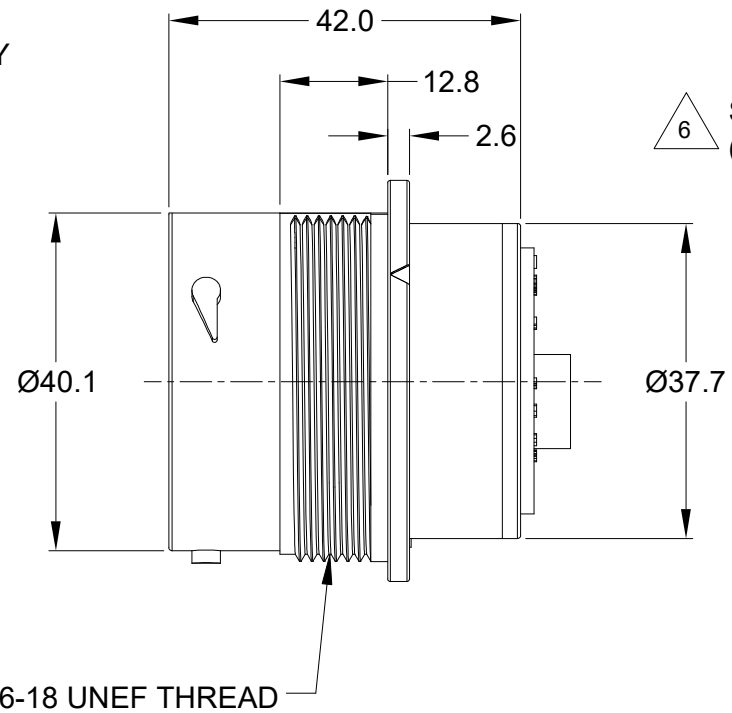
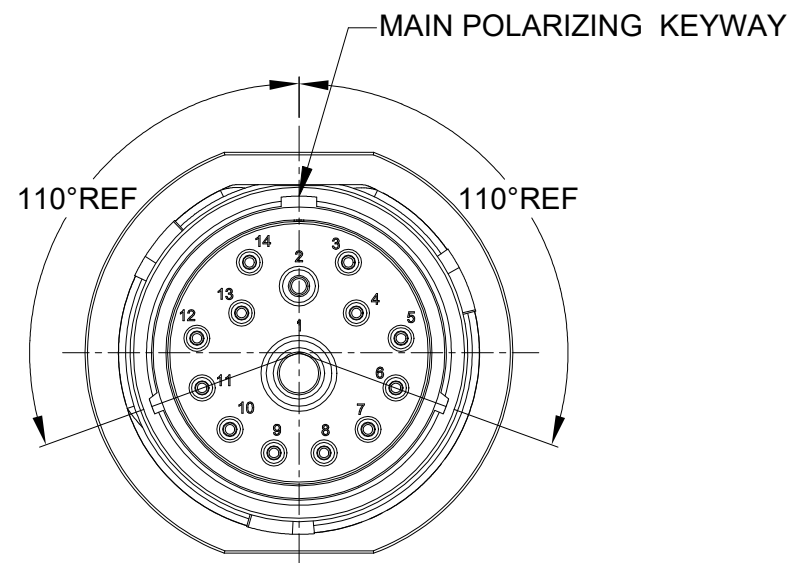


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE NEW DRAWING	Oct-08-22	LUCAS	TOMMY



NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL:

HOUSING: THERMOPLASTIC; BLACK
SEAL: SILICONE RUBBER

2. MODIFICATIONS: SMOOTH RING ADAPTER(SRA);
REDUCED DIA. WIRE SEAL.

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

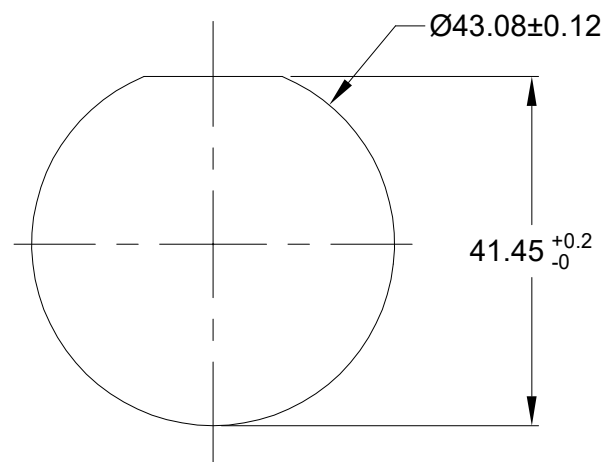
4. MATING PART: AHDP06-24-14S* (* = SEAL TYPE)

5. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

6 CONTACT SIZE AND WIRE RANGE:

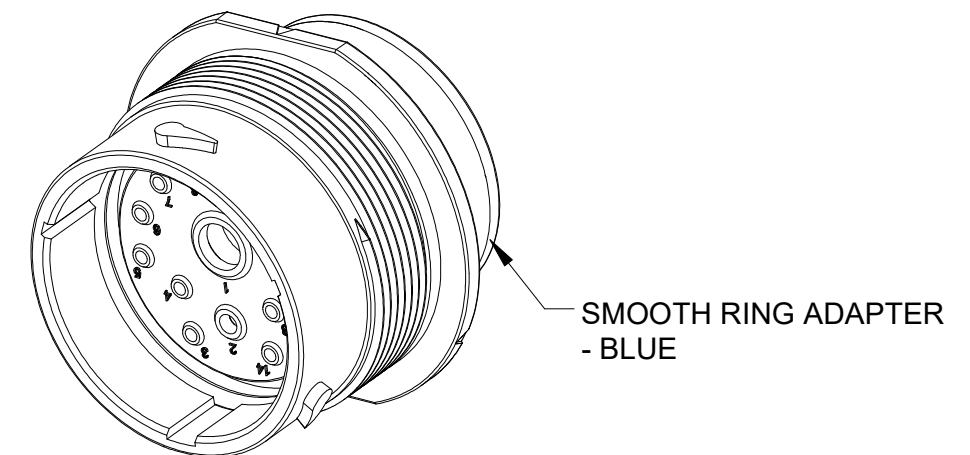
CONTACT SIZE	MIN. INSUL O.D.	MAX. INSUL O.D.	TYPICAL WIRE RANGE	CURRENT RATING
4	6.63 mm (.261 in)	7.41 mm (.292 in)	6 AWG (16.0-13.0mm ²)	100 AMPS
12	2.46 mm (.135 in)	4.01 mm (.158 in)	10-14 AWG (6.0-2.0mm ²)	25 AMPS
16	1.35 mm (.053 in)	3.05 mm (.120 in)	14-20 AWG (2.0-0.5mm ²)	13 AMPS

7. RECEPTACLE IS SUPPLIED WITH DUST CAP.



RECOMMENDED PANEL
MOUNTING HOLE

RECOMMENDED PANEL
THICKNESS:1.6 TO 4.7MM



AHDP04-24-14PR-SRA		REF:HDP24-24-14PE		ITEM	
PART NUMBER		DESCRIPTION			
QUANTITY	MATERIALS LIST				
UNLESS OTHERWISE SPECIFIED 1) All dimensions are in metric(mm). 2) Tolerances are as follows: 1 PL DEC ±0.30 2 PL DEC ±0.15 3 PL DEC ±0.08 3) Note reference = 		SIGNATURES DRAWN: LUCAS.CHAI CHECKED: ORION.LI ENGINEER: APPROVAL: TOMMY.XIE CUSTOMER: DATE Oct-08-22 Oct-10-22 Oct-14-22		Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036	
MATERIAL SPECIFICATIONS:		RECEPT.,SIZE 24,14-PIN,		REVISION	
PROCESS SPECIFICATIONS:		REDUCED SEAL,SRA,DURAMATE AHDP SERIES			
NEXT ASSY:		SIZE B C- DWG NO: AHDP04-24-14PR-SRA			
		SCALE: NONE			
		DURAMATE			
		SHEET 1 OF 1			

TITLE: RECEPT.,SIZE 24,14-PIN,REDUCED SEAL,SRA,DURAMATE AHDP SERIES

DWG NO: AHDP04-24-14PR-SRA

REV: A1

SH: 1

OF: 1