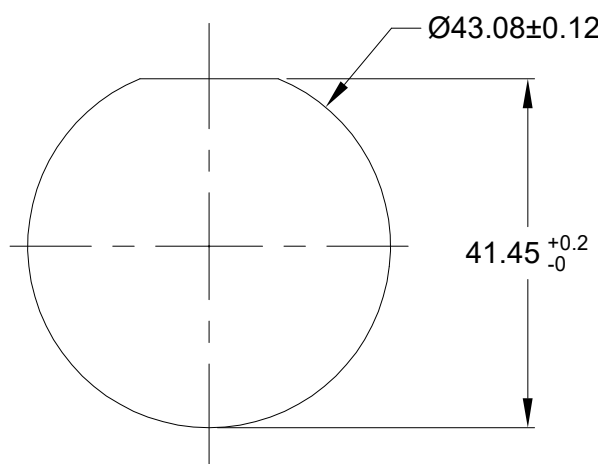
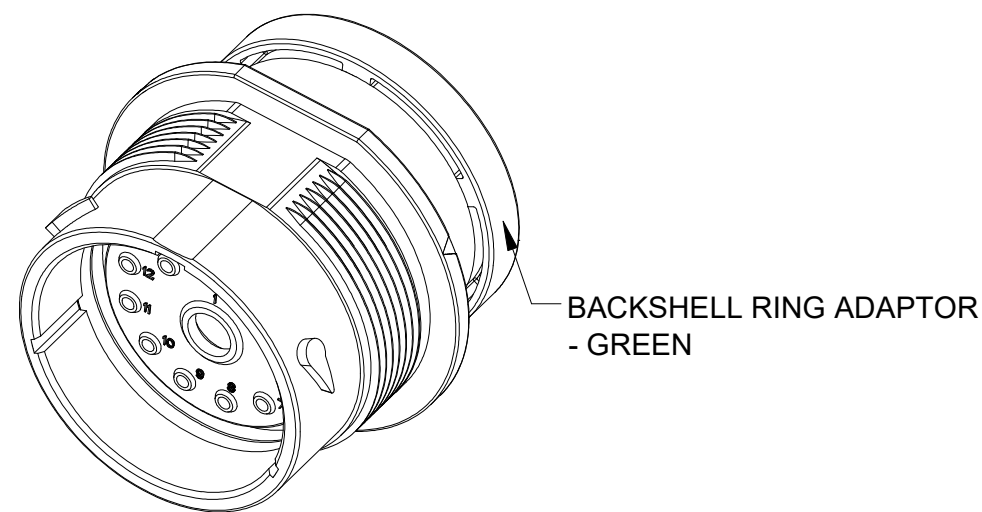
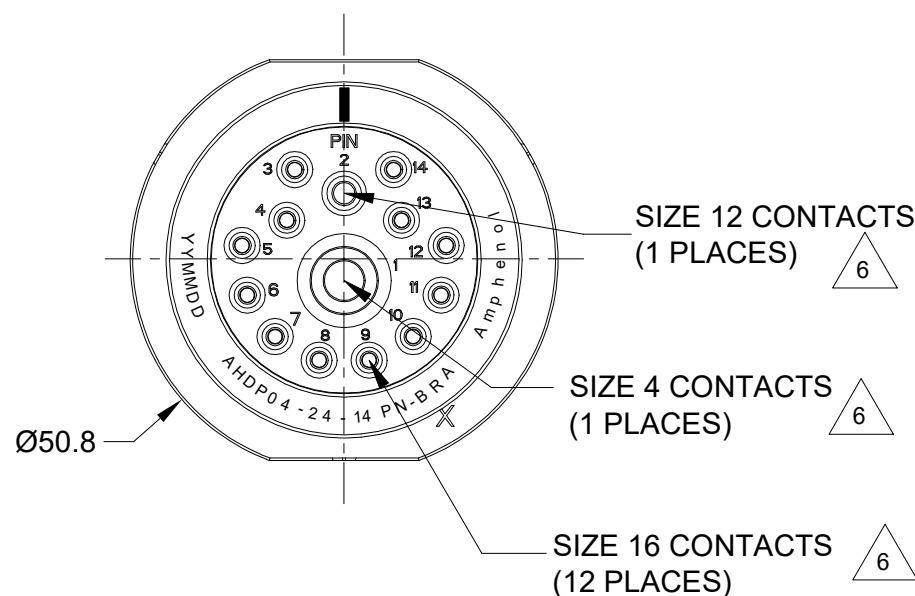
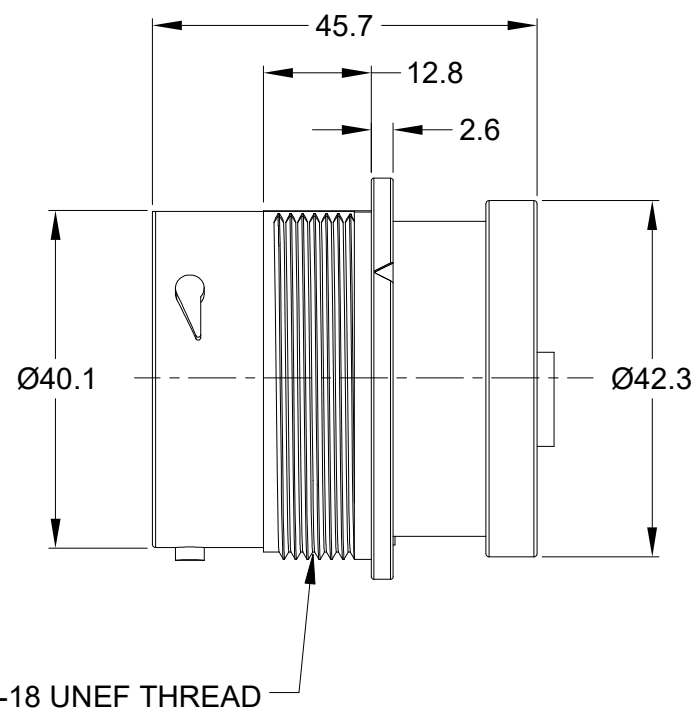
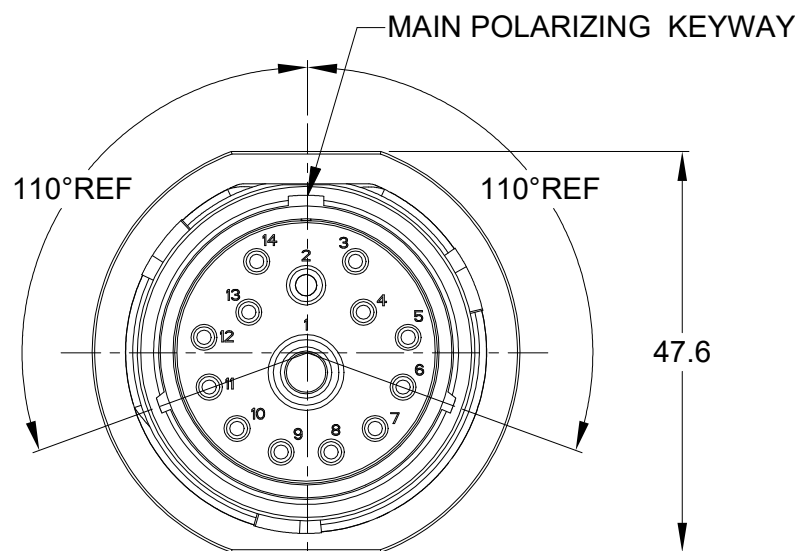




RECOMMENDED PANEL
MOUNTING HOLE

RECOMMENDED PANEL
THICKNESS:1.6 TO 4.7MM

REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE NEW DRAWING	Sep/30/22	LUCAS	TOMMY

NOTES: UNLESS OTHERWISE SPECIFIED

- MATERIAL:
HOUSING: THERMOPLASTIC; BLACK
SEAL: SILICONE RUBBER
- MODIFICATIONS: BACKSHELL RING ADAPTER;
STANDARD DIA. WIRE SEAL.
- 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: AHDP06-24-14S* (* = SEAL TYPE)
- 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	3.43 mm (.135 in)	4.32 mm (.170 in)	10-14 AWG (6.0-2.0mm ²)	25 AMPS
16	2.54 mm (.100 in)	3.40 mm (.134 in)	14-20 AWG (2.0-0.5mm ²)	13 AMPS

7. RECEPTACLE IS SUPPLIED WITH DUST CAP.

AHDP04-24-14PN-BRA		REF:HDP24-24-14PN-L017		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 = X		SIGNATURES DRAWN: LUCAS.CHAI CHECKED: ORION.LJ ENGINEER: APPROVAL: TOMMY.XIE CUSTOMER: 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.	DATE Sep/30/22 Oct/12/22 Oct/15/22	Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036 RECEPT,SIZE 24,14-PIN, NORMAL SEAL,BRA,DURAMATE AHDP SERIES SIZE B TYPE C- DWG NO: AHDP04-24-14PN-BRA REVISION A1
MATERIAL SPECIFICATIONS:				
PROCESS SPECIFICATIONS:				
NEXT ASS'Y:		SCALE: NONE DURAMATE SHEET 1 OF 1		

TITLE: RECEPTACLE SIZE 24, 14-PIN, NORMAL SEAL, BRA, DURAMATE, AHDP SERIES

DWG NO: AHDP04-24-14PN-BRA

REV: A1

SH: 1

OF: 1