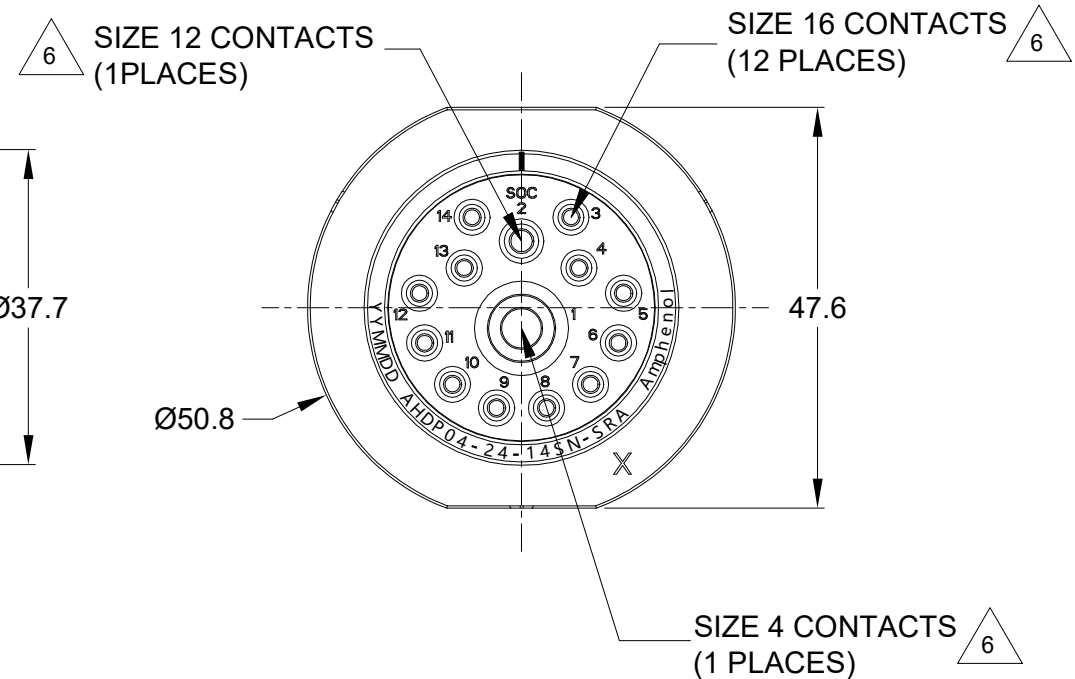
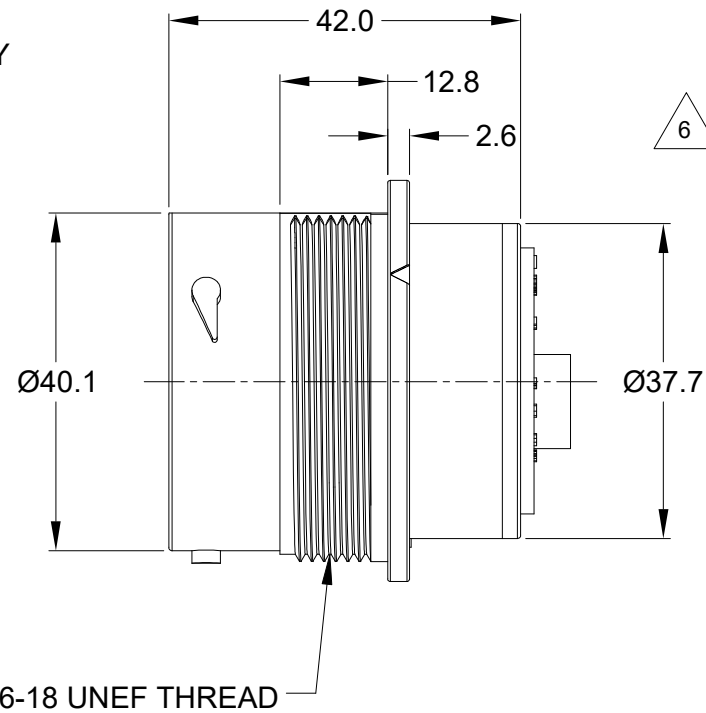
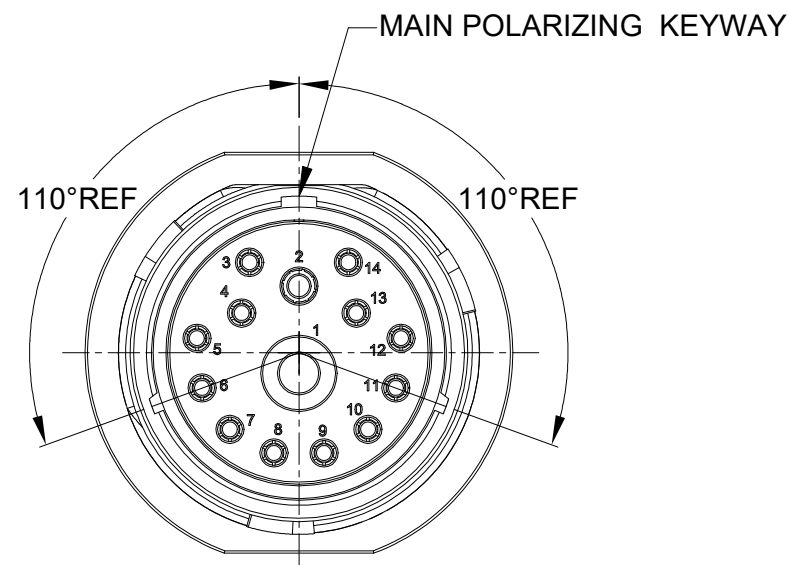


| REVISIONS |     |                     |           |       |       |
|-----------|-----|---------------------|-----------|-------|-------|
| REV       | ECO | DESCRIPTION         | DATE      | BY    | APPR  |
| A1        | -   | RELEASE NEW DRAWING | Oct-08-22 | LUCAS | TOMMY |



NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL:

HOUSING: THERMOPLASTIC; BLACK  
SEAL: SILICONE RUBBER

2. MODIFICATIONS: SMOOTH RING ADAPTER(SRA);  
STANDARD 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

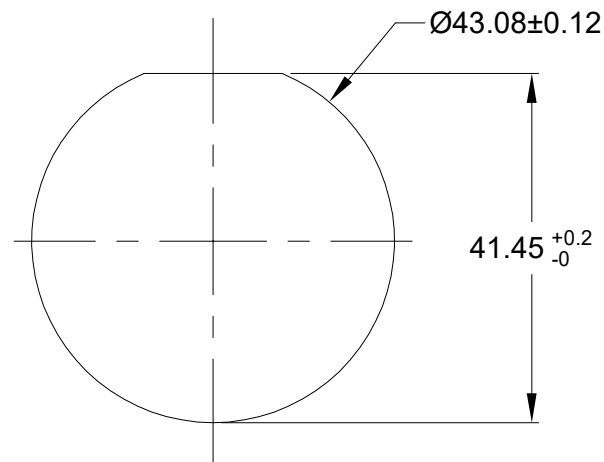
4. MATING PART: AHDP06-24-14P\* (\* = SEAL TYPE )

5. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

6 CONTACT SIZE AND WIRE RANGE:

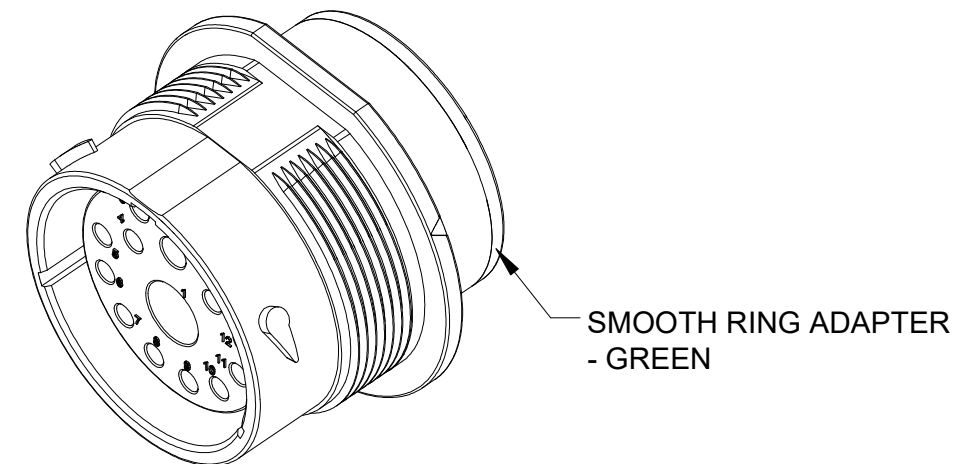
| CONTACT SIZE | MIN. INSUL O.D.   | MAX. INSUL O.D.   | TYPICAL WIRE RANGE                  | CURRENT RATING |
|--------------|-------------------|-------------------|-------------------------------------|----------------|
| 4            | 6.63 mm (.261 in) | 7.41 mm (.292 in) | 6 AWG (16.0-13.0mm <sup>2</sup> )   | 100 AMPS       |
| 12           | 3.43 mm (.135 in) | 4.32 mm (.170 in) | 10-14 AWG (6.0-2.0mm <sup>2</sup> ) | 25 AMPS        |
| 16           | 2.54 mm (.100 in) | 3.40 mm (.134 in) | 14-20 AWG (2.0-0.5mm <sup>2</sup> ) | 13 AMPS        |

7. RECEPTACLE IS SUPPLIED WITH DUST CAP.



RECOMMENDED PANEL  
MOUNTING HOLE

RECOMMENDED PANEL  
THICKNESS:1.6 TO 4.7MM



|                                                                                                                                                                                                                                                                                                                                   |                |                                                                                                                                                                                                                                                                                 |                                                                                                        |                                                                                                                                         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| AHDP04-24-14SN-SRA                                                                                                                                                                                                                                                                                                                |                | REF:HDP24-24-14SN                                                                                                                                                                                                                                                               |                                                                                                        |                                                                                                                                         |
| PART NUMBER                                                                                                                                                                                                                                                                                                                       |                | DESCRIPTION                                                                                                                                                                                                                                                                     |                                                                                                        | ITEM                                                                                                                                    |
| QUANTITY                                                                                                                                                                                                                                                                                                                          | MATERIALS LIST |                                                                                                                                                                                                                                                                                 |                                                                                                        |                                                                                                                                         |
| <div>UNLESS OTHERWISE SPECIFIED</div> <div>1) All dimensions are in metric(mm).</div> <div>2) Tolerances are as follows:</div> <div>1 PL DEC ±0.30</div> <div>2 PL DEC ±0.15</div> <div>3 PL DEC ±0.08</div> <div>3) Note reference = </div> |                | <div>SIGNATURES</div> <div>DRAWN: LUCAS.CHAI</div> <div>CHECKED: ORION.LI</div> <div>ENGINEER:</div> <div>APPROVAL: TOMMY.XIE</div> <div>CUSTOMER:</div>                                                                                                                        | <div>DATE</div> <div>Oct-08-22</div> <div>Oct-10-22</div> <div></div> <div>Oct-14-22</div> <div></div> | <div>Amphenol</div> <div>Sine Systems - www.amphenol-sine.com</div> <div>44724 Morley Drive</div> <div>Clinton Township, MI 48036</div> |
| MATERIAL SPECIFICATIONS:                                                                                                                                                                                                                                                                                                          |                | <div>RECEPT.,SIZE 24,14-SOCKET,</div> <div>NORMAL SEAL,SRA,DURAMATE AHDP SERIES</div>                                                                                                                                                                                           |                                                                                                        |                                                                                                                                         |
| PROCESS SPECIFICATIONS:                                                                                                                                                                                                                                                                                                           |                | <div>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.</div> |                                                                                                        |                                                                                                                                         |
| NEXT ASSY:                                                                                                                                                                                                                                                                                                                        |                |                                                                                                                                                                                                                                                                                 |                                                                                                        |                                                                                                                                         |
|                                                                                                                                                                                                                                                                                                                                   |                |                                                                                                                                                                                                                                                                                 |                                                                                                        |                                                                                                                                         |
|                                                                                                                                                                                                                                                                                                                                   |                | <div>SIZE</div> <div>B C-</div>                                                                                                                                                                                                                                                 |                                                                                                        | <div>DWG NO:</div> <div>AHDP04-24-14SN-SRA</div>                                                                                        |
|                                                                                                                                                                                                                                                                                                                                   |                | <div>REVISION</div> <div>A1</div>                                                                                                                                                                                                                                               |                                                                                                        |                                                                                                                                         |
|                                                                                                                                                                                                                                                                                                                                   |                | <div>SCALE:</div> <div>NONE</div>                                                                                                                                                                                                                                               | <div>DURAMATE</div>                                                                                    | <div>SHEET 1 OF 1</div>                                                                                                                 |

TITLE: RECEPT.,SIZE 24,14-SOCKET,NORMAL SEAL,SRA,DURAMATE AHDP SERIES

DWG NO: AHDP04-24-14SN-SRA

REV: A1

SH: 1

OF: 1