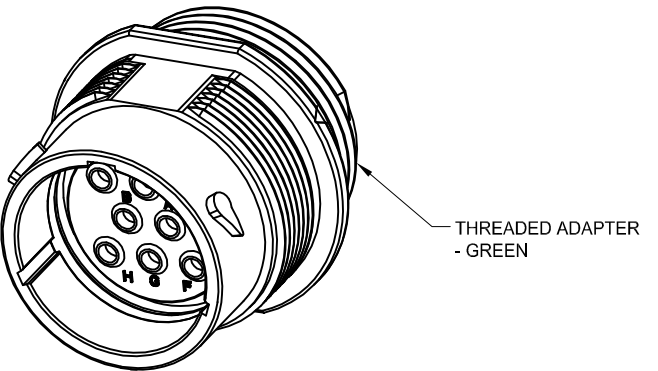
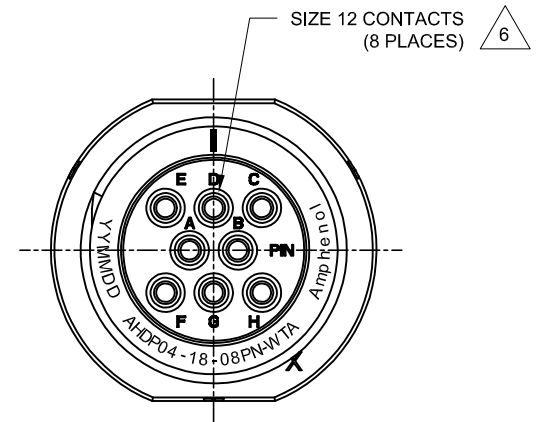
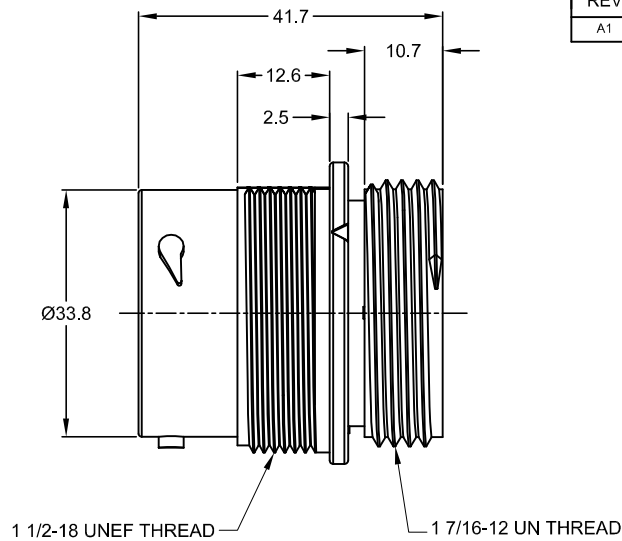
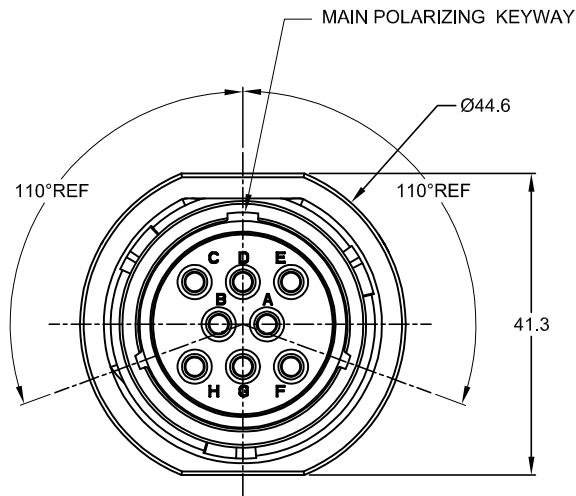


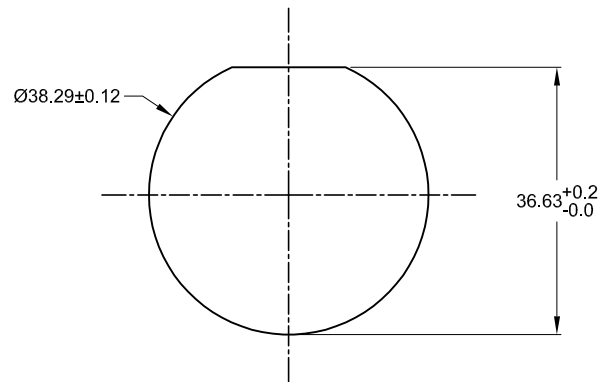


NOTES: UNLESS OTHERWISE SPECIFIED

- MATERIAL:  
HOUSING: THERMOPLASTIC; BLACK  
SEAL: SILICONE RUBBER
- MODIFICATIONS: THREADED ADAPTER;
- SPECIFICATIONS:
  - OPERATING TEMPERATURE: -55°C TO +125°C.
  - DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.
  - INSULATION RESISTANCE: 1000 MEGOHM MIN @ 25°C.
  - MOISTURE RESISTANCE: IP67&IP69K ( MATED CONDITION ).
  - MATING CYCLE DURABILITY: 100 CYCLES
  - RoHS COMPLIANT
- MATING PART: AHDP06-18-08S\* (\* = 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 |
|--------------|------------------|-------------------|--------------------|----------------|
| 12           | 3.43 mm (.135in) | 4.32 mm (.170 in) | 10-14 AWG          | 25 AMPS        |



RECOMMENDED PANEL MOUNTING HOLE

RECOMMENDED PANEL THICKNESS:1.6 TO 4.7MM

| REVISIONS |     |                     |         |      |       |
|-----------|-----|---------------------|---------|------|-------|
| REV       | ECO | DESCRIPTION         | DATE    | BY   | APPR  |
| A1        | -   | RELEASE NEW DRAWING | 09JAN18 | Jony | TOMMY |

|                                                                                                           |  |                                                                                                                                                                                                                                                                      |  |                            |  |                                                                                                                                                                                                                                                        |
|-----------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| AHDP04-18-08PN-WTA                                                                                        |  | PART NUMBER                                                                                                                                                                                                                                                          |  | DESCRIPTION                |  | ITEM                                                                                                                                                                                                                                                   |
| QUANTITY                                                                                                  |  | MATERIALS LIST                                                                                                                                                                                                                                                       |  |                            |  |                                                                                                                                                                                                                                                        |
| UNLESS OTHERWISE SPECIFIED                                                                                |  | SIGNATURES                                                                                                                                                                                                                                                           |  | DATE                       |  | <div>Amphenol</div> <div>Sine Systems - <a href="http://www.amphenol-sine.com">www.amphenol-sine.com</a><br/>44724 Morley Drive<br/>Clinton Township, MI 48036</div> <div>RECEPTACLE, 18-08 POS, PIN CONTACT<br/>STANDARD DIA. SEAL, AHDP SERIES</div> |
| 1) All dimensions are in metric (mm).                                                                     |  | DRAWN:                                                                                                                                                                                                                                                               |  | Jony<br>09JAN18            |  |                                                                                                                                                                                                                                                        |
| 2) Tolerances are as follows:                                                                             |  | CHECKED:                                                                                                                                                                                                                                                             |  | Orion<br>09JAN18           |  |                                                                                                                                                                                                                                                        |
| 1 PL DEC ±0.30                                                                                            |  | ENGINEER:                                                                                                                                                                                                                                                            |  |                            |  |                                                                                                                                                                                                                                                        |
| 2 PL DEC ±0.15                                                                                            |  | APPROVAL:                                                                                                                                                                                                                                                            |  | Tommy<br>09JAN18           |  |                                                                                                                                                                                                                                                        |
| 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                       |  | REVISION                                                                                                                                                                                                                                               |
| PROCESS SPECIFICATIONS:                                                                                   |  | B                                                                                                                                                                                                                                                                    |  | C-                         |  |                                                                                                                                                                                                                                                        |
| NEXT ASSY:                                                                                                |  | SCALE: NONE                                                                                                                                                                                                                                                          |  | DWG NO: AHDP04-18-08PN-WTA |  | A1                                                                                                                                                                                                                                                     |
|                                                                                                           |  |                                                                                                                                                                                                                                                                      |  | SHEET 1 OF 1               |  |                                                                                                                                                                                                                                                        |