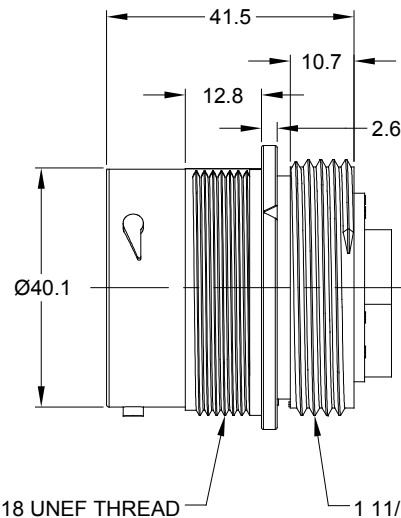
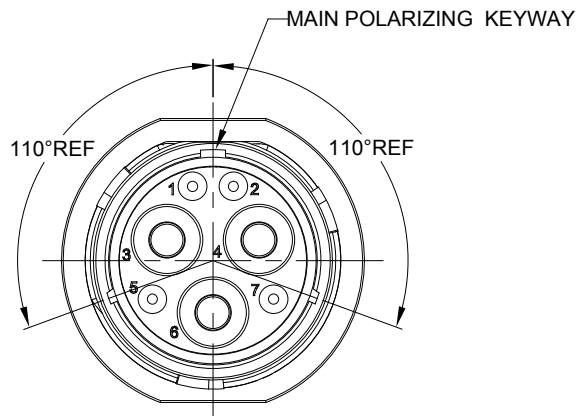
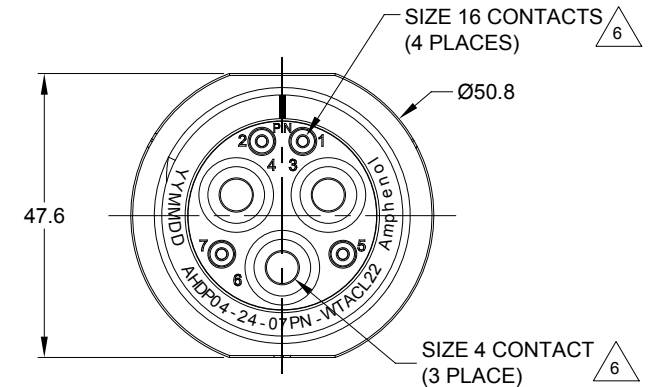




| REVISIONS |     |                     |         |       |       |
|-----------|-----|---------------------|---------|-------|-------|
| REV       | ECO | DESCRIPTION         | DATE    | BY    | APPR  |
| 01        | --  | PRELIMINARY DRAWING | 06JUL19 | PETER | TOMMY |



NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL:

HOUSING: THERMOPLASTIC; BLACK  
SEAL: SILICONE RUBBER

2. MODIFICATIONS: THREADED ADAPTER

3. SPECIFICATIONS:

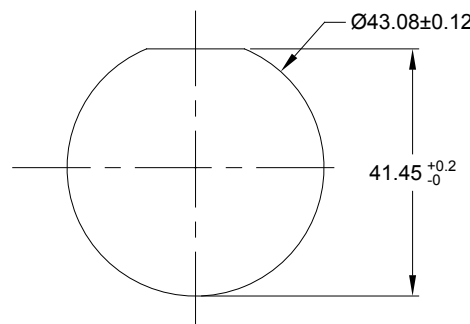
- 3.1 OPERATING TEMPERATURE: -55°C TO +125°C.
- 3.2 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 5000 VOLTS AC.
- 3.3 INSULATION RESISTANCE: 1000 MEGOHM MIN @ 25°C.
- 3.4 MOISTURE RESISTANCE: IP67&IP69K ( MATED CONDITION ).
- 3.5 MATING CYCLE DURABILITY: 100 CYCLES
- 3.6 RoHS COMPLIANT

4. MATING PART: AHDP06-24-07S\* -WTACL22 (\* = SEAL TYPE)

5. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

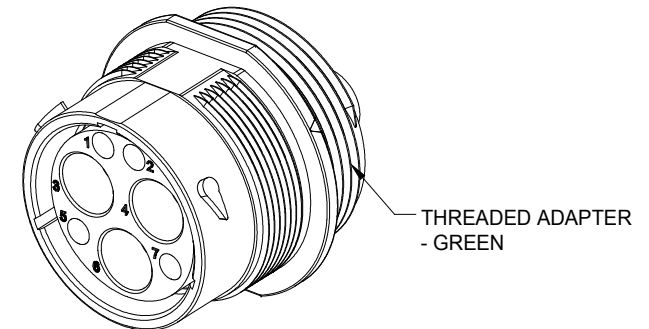
6 CONTACT SIZE AND WIRE RANGE:

| CONTACT SIZE | MIN. INSUL O.D.   | MAX. INSUL O.D.    | TYPICAL WIRE RANGE | CURRENT RATING |
|--------------|-------------------|--------------------|--------------------|----------------|
| 16           | 2.54 mm (.100 in) | 3.40 mm (.134 in)  | 14-20 AWG          | 13 AMPS        |
| 4            | 7.90 mm (.311 in) | 10.67 mm (.420 in) | 4 AWG              | 100 AMPS       |



RECOMMENDED PANEL MOUNTING HOLE

RECOMMENDED PANEL THICKNESS: 1.6 TO 4.7MM



|                                                                                                           |  |                                                                                                                                                                                                                                                                      |  |                        |      |
|-----------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------|------|
| AHDP04-24-07PN-WTACL22                                                                                    |  | FEF:HDP24-24-7PN-CL22                                                                                                                                                                                                                                                |  |                        |      |
| PART NUMBER                                                                                               |  | DESCRIPTION                                                                                                                                                                                                                                                          |  |                        | ITEM |
| QUANTITY                                                                                                  |  |                                                                                                                                                                                                                                                                      |  |                        |      |
| MATERIALS LIST                                                                                            |  |                                                                                                                                                                                                                                                                      |  |                        |      |
| UNLESS OTHERWISE SPECIFIED                                                                                |  | SIGNATURES                                                                                                                                                                                                                                                           |  | DATE                   |      |
| 1) All dimensions are in metric(mm).                                                                      |  | DRAWN: PETER YANG                                                                                                                                                                                                                                                    |  | 06JUL19                |      |
| 2) Tolerances are as follows:                                                                             |  | CHECKED: ORION LI                                                                                                                                                                                                                                                    |  | 06JUL19                |      |
| 1 PL DEC ±0.30                                                                                            |  | ENGINEER:                                                                                                                                                                                                                                                            |  |                        |      |
| 2 PL DEC ±0.15                                                                                            |  | APPROVAL: TOMMY XIE                                                                                                                                                                                                                                                  |  | 06JUL19                |      |
| 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:                                                                                  |  | RECEP.,24-07 POS, PIN CONTACT<br>STANDARD DIA SEAL, CL22,AHDP SERIES                                                                                                                                                                                                 |  |                        |      |
| PROCESS SPECIFICATIONS:                                                                                   |  | SIZE                                                                                                                                                                                                                                                                 |  | DWG NO:                |      |
| NEXT ASSY:                                                                                                |  | B C-                                                                                                                                                                                                                                                                 |  | AHDP04-24-07PN-WTACL22 |      |
|                                                                                                           |  | SCALE                                                                                                                                                                                                                                                                |  | REVISION               |      |
|                                                                                                           |  | NONE                                                                                                                                                                                                                                                                 |  | 01                     |      |
|                                                                                                           |  | SHEET                                                                                                                                                                                                                                                                |  | 1 OF 1                 |      |

TITLE: RECEPTOR POS. PIN CONTACT STANDARD DIA SEAL, CL22, AHDP SERIES

DWG NO: AHDP04-24-07PN-WTACL22

REV: 01

SHT: 1

OF: 1

# Mouser Electronics

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