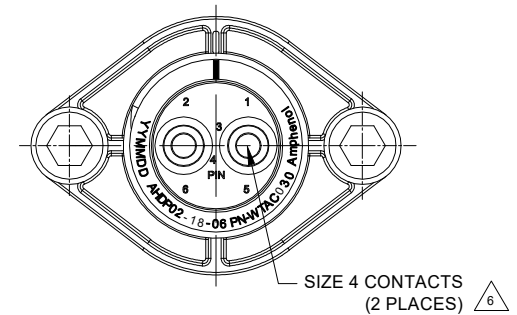
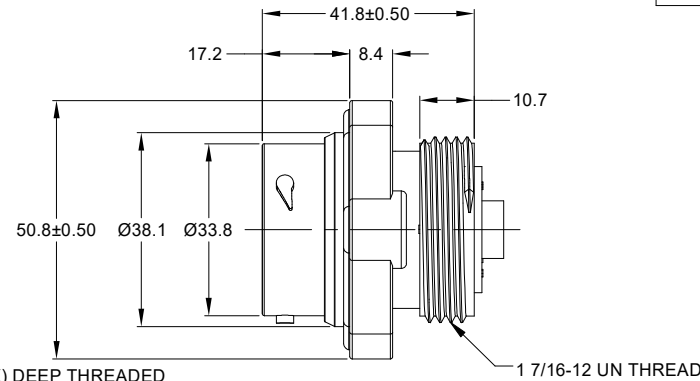
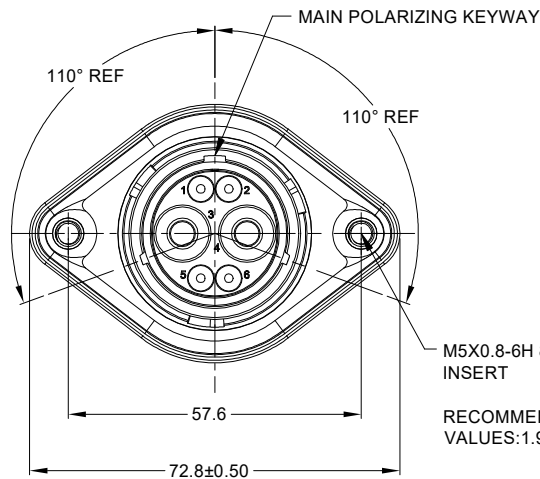


| REVISIONS |     |                     |         |      |       |
|-----------|-----|---------------------|---------|------|-------|
| REV       | ECO | DESCRIPTION         | DATE    | BY   | APPR  |
| A1        | -   | RELEASE NEW DRAWING | 15JUL20 | VITO | TOMMY |

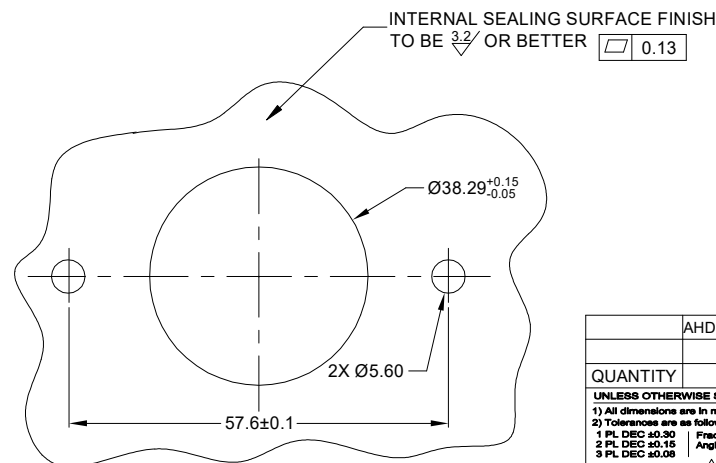


NOTES: UNLESS OTHERWISE SPECIFIED

- MATERIAL:  
HOUSING: THERMOPLASTIC; BLACK  
SEAL: SILICONE RUBBER  
THREADED INSERT: STAINLESS STEEL
- MODIFICATIONS: WIDE THREAD ADAPTER(WTA);  
STANDARD DIA,WIRE SEAL;  
SEALED PANEL MOUNT;
- 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: AHDP06-18-06S\* (\* = SEAL TYPE) ( C030 OPTION)
- ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

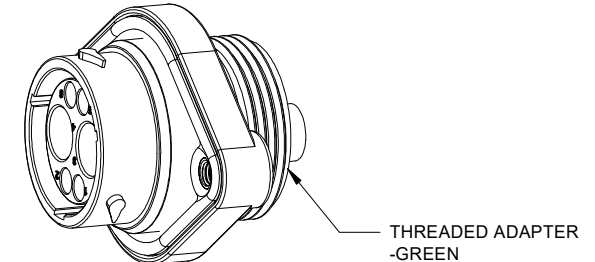
6 CONTACT SIZE AND WIRE RANGE:

| CONTACT SIZE | MIN. INSUL O.D.  | MAX. INSUL O.D.  | TYPICAL WIRE RANGE            | CURRENT RATING |
|--------------|------------------|------------------|-------------------------------|----------------|
| 4            | 6.63 mm (.261in) | 7.41mm (.292 in) | 6 AWG (16-13mm <sup>2</sup> ) | 100 AMPS       |



RECOMMENDED PANEL MOUNTING HOLE

RECOMMENDED PANEL THICKNESS:1.6 TO 4.7MM



| AHDP02-18-06PN-WTAC030               |  | DESCRIPTION                                                                                                                                                                                                                                                          |  | ITEM |
|--------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------|
| PART NUMBER                          |  | MATERIALS LIST                                                                                                                                                                                                                                                       |  |      |
| QUANTITY                             |  | SIGNATURES DATE                                                                                                                                                                                                                                                      |  |      |
| UNLESS OTHERWISE SPECIFIED           |  | DRAWN: VITOJ 15JUL20                                                                                                                                                                                                                                                 |  |      |
| 1) All dimensions are in metric(mm). |  | CHECKED: ORIONJ 17JUL20                                                                                                                                                                                                                                              |  |      |
| 2) Tolerances are as follows:        |  | ENGINEER:                                                                                                                                                                                                                                                            |  |      |
| 1 PL DEC ±0.30                       |  | APPROVAL: TOMMYXIE 20JUL20                                                                                                                                                                                                                                           |  |      |
| 2 PL DEC ±0.15                       |  | CUSTOMER:                                                                                                                                                                                                                                                            |  |      |
| 3 PL DEC ±0.08                       |  | 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. |  |      |
| 3) Note reference =                  |  | NEXT ASSY:                                                                                                                                                                                                                                                           |  |      |
| MATERIAL SPECIFICATIONS:             |  | SIZE TYPE DWG NO: B C- AHDP02-18-06PN-WTAC030                                                                                                                                                                                                                        |  |      |
| PROCESS SPECIFICATIONS:              |  | SCALE NONE                                                                                                                                                                                                                                                           |  |      |
| REVISION                             |  | SHEET 1 OF 1                                                                                                                                                                                                                                                         |  |      |