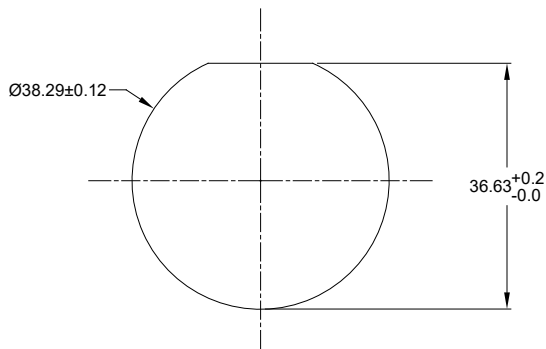
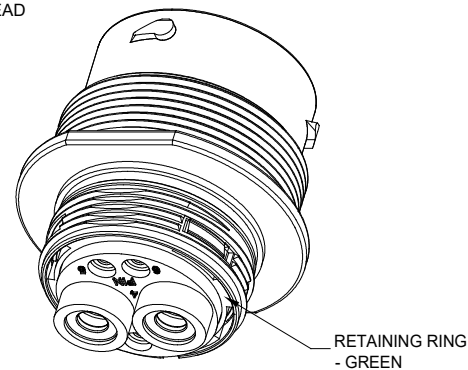
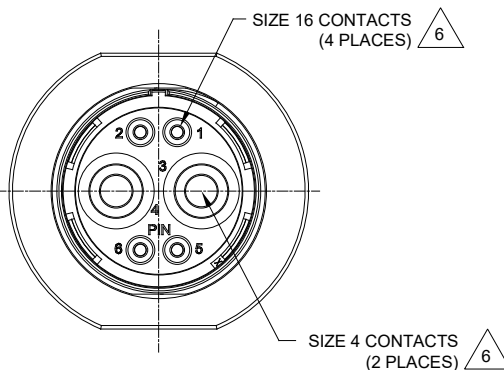
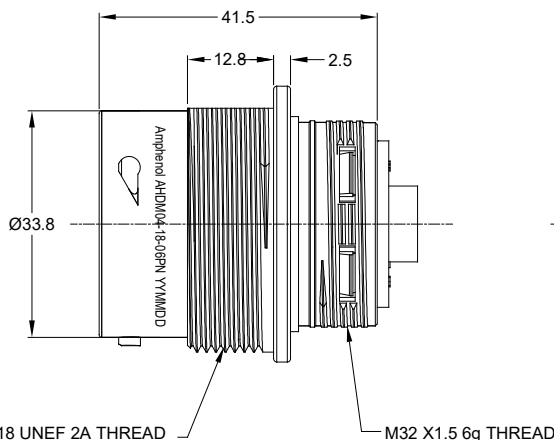
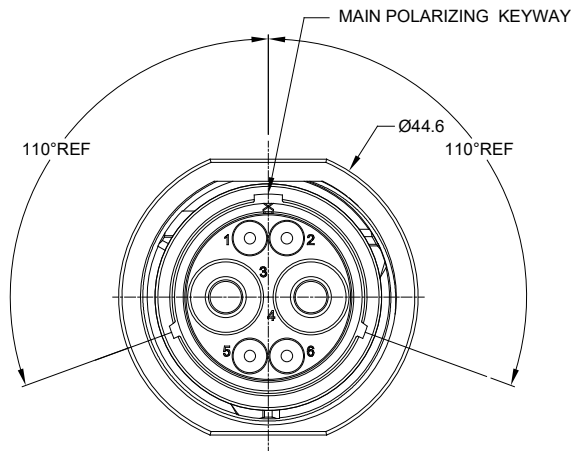




RECOMMENDED PANEL  
MOUNTING HOLE

RECOMMENDED PANEL  
THICKNESS: 1.6 TO 4.7MM

NOTES: UNLESS OTHERWISE SPECIFIED

- MATERIAL:  
SHELL: ZINC ALLOY, NICKEL PLATED  
INSERT AND RETAINING RING: THERMOPLASTIC  
SEAL: SILICONE RUBBER
- MODIFICATIONS: THREADED HOUSING; NORMAL DIA. 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: AHDM06-18-06S\* (\* = SEAL TYPE) (NOT C030 OPTION)
- ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

6. CONTACT SIZE AND WIRE RANGE:

| CONTACT<br>SIZE | MIN. INSUL<br>O.D.  | MAX. INSUL<br>O.D.   | TYPICAL<br>WIRE RANGE | CURRENT<br>RATING |
|-----------------|---------------------|----------------------|-----------------------|-------------------|
| 16              | 2.54 mm<br>(.100in) | 3.40 mm<br>(.134 in) | 14-20 AWG             | 13 AMPS           |
| 4               | 6.63 mm<br>(.261in) | 7.41 mm<br>(.292 in) | 4-6 AWG               | 100 AMPS          |

| REVISIONS |     |                         |           |        |       |
|-----------|-----|-------------------------|-----------|--------|-------|
| REV       | ECO | DESCRIPTION             | DATE      | BY     | APPR  |
| A1        | --  | RELEASE NEW PRODUCT     | 24/OCT/19 | ROOKIE | TOMMY |
| A2        | --  | REVISED MATING P/N NOTE | 08/APR/20 | JAH    | DH    |

|                                                                                                                                                                                    |  |                                                                                                                                                                                                                                                                      |  |      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------|
| AHDMM04-18-06PN                                                                                                                                                                    |  | REF H034-18-06PN                                                                                                                                                                                                                                                     |  |      |
| PART NUMBER                                                                                                                                                                        |  | DESCRIPTION                                                                                                                                                                                                                                                          |  | ITEM |
| QUANTITY                                                                                                                                                                           |  | MATERIALS LIST                                                                                                                                                                                                                                                       |  |      |
| UNLESS OTHERWISE SPECIFIED:<br>1) All dimensions are in metric (mm).<br>2) Tolerances are as follows:<br>1 PL DEC ±0.30<br>2 PL DEC ±0.15<br>3 PL DEC ±0.08<br>3) Note reference = |  | SIGNATURES DATE<br>DRAWN: ROOKIE 24/OCT/19<br>CHECKED: ORION 24/OCT/19<br>ENGINEER:<br>APPROVAL: TOMMY 24/OCT/19                                                                                                                                                     |  |      |
| MATERIAL SPECIFICATIONS:                                                                                                                                                           |  | CUSTOMER:                                                                                                                                                                                                                                                            |  |      |
| PROCESS SPECIFICATIONS:                                                                                                                                                            |  | 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. |  |      |
| NEXT ASSY:                                                                                                                                                                         |  | SIZE B C- DWG NO AHDMM04-18-06PN REVISION A2                                                                                                                                                                                                                         |  |      |
|                                                                                                                                                                                    |  | SCALE NONE SHEET 1 OF 1                                                                                                                                                                                                                                              |  |      |

TITLE: RECEPT. 18 SZ 06 PIN, N, WIDE THD  
DWG NO: AHDMM04-18-06PN  
REV: A2  
SH: 1  
OF: 1