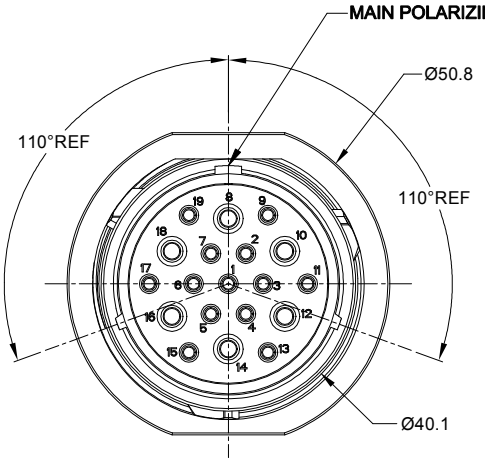
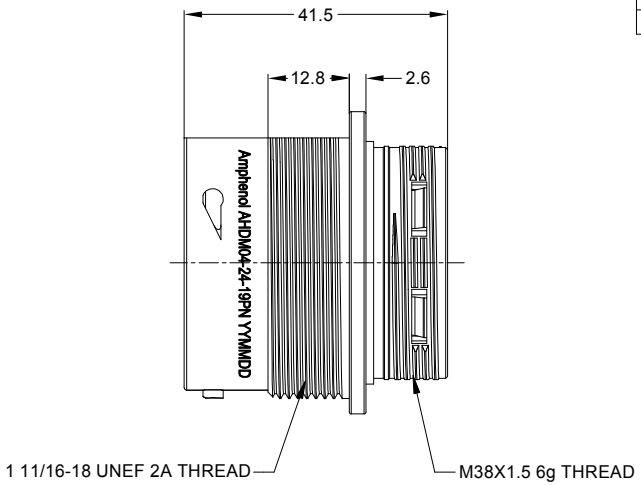
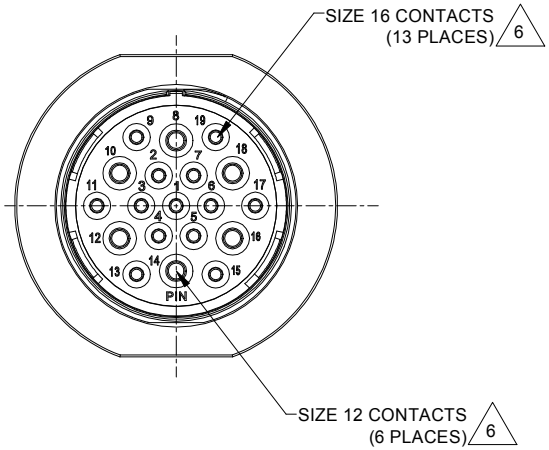
| REVISIONS | | | | | |
|---|---|---|---|---|---|
| REV | ECO | DESCRIPTION | DATE | BY | APPR |
| A1 | – | RELEASE NEW DRAWING | 18/OCT/18 | BROOK | TOMMY |
| A2 | – | ADD MORE MATERIAL NOTES | 24/OCT/18 | BROOK | TOMMY |




**NOTES: UNLESS OTHERWISE SPECIFIED**

1. MATERIAL:
   SHELL: ZINC ALLOY, NICKEL PLATED
   INSERT AND RETAINING RING: THERMOPLASTIC
   SEAL: SILICONE RUBBER

2. MODIFICATIONS: THREADED HOUSING; NORMAL DIA. WIRE SEAL

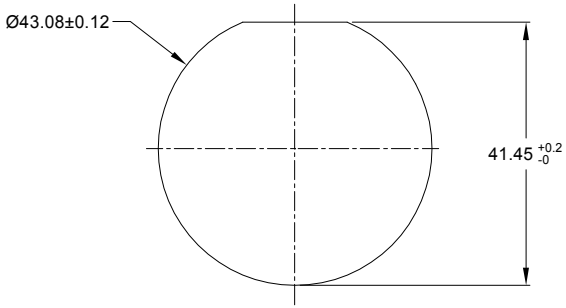
3. SPECIFICATIONS:
   3.1 OPERATING TEMPERATURE: -55℃ TO +125℃.
   3.2 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.
   3.3 INSULATION RESISTANCE: 1000 MEGOHM MIN @ 25℃.
   3.4 MOISTURE RESISTANCE: IP67&IP69K ( MATED CONDITION ).
   3.5 MATING CYCLE DURABILITY: 100 CYCLES
   3.6 RoHS COMPLIANT

4. MATING PART: AHDM06-24-19S* ( * = SEAL TYPE )

5. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

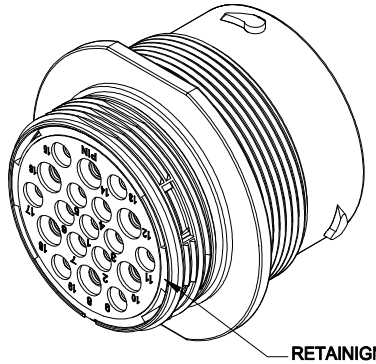
△6 CONTACT SIZE AND WIRE RANGE:

| CONTACT SIZE | MIN. INSUL O.D. | MAX. INSUL O.D. | TYPICAL WIRE RANGE | CURRENT RATING |
|---|---|---|---|---|
| 12 | 3.40 mm (.134 in) | 4.32 mm (.170 in) | 10-14 AWG | 25 AMPS |
| 16 | 2.54 mm (.100 in) | 3.40 mm (.134 in) | 14-20 AWG | 13 AMPS |




RECOMMENDED PANEL MOUNTING HOLE

RECOMMENDED PANEL THICKNESS:1.6 TO 4.7MM




| | AHDM04-24-19PN | | |
|---|---|---|---|
| | PART NUMBER | DESCRIPTION | ITEM |
| QUANTITY | MATERIALS LIST | | |

UNLESS OTHERWISE SPECIFIED
1) All dimensions are in metric(mm).
2) Tolerance are as follows:
1 PL DEC ±0.30 | Fractions ±1/64
2 PL DEC ±0.15 | Angles ±1°
3 PL DEC ±0.08
3) Note reference = △X

MATERIAL SPECIFICATIONS:

PROCESS SPECIFICATIONS:

NEXT ASS'Y:

| SIGNATURES | | DATE |
|---|---|---|
| DRAWN: | BROOK | 24/OCT/18 |
| CHECKED: | ORION | 24/OCT/18 |
| ENGINEER: | | |
| APPROVAL: | TOMMY | 24/OCT/18 |
| CUSTOMER: | | |

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Amphenol

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Clinton Township, MI 48036

RECPT, 24 SZ 19 PIN, N, WIDE THD

| SIZE | TYPE | DWG NO: | REVISION |
|---|---|---|---|
| B | C- | AHDM04-24-19PN | A2 |

SCALE: NONE SHEET 1 OF 1

TITLE: RECPT, 24 SZ 19 PIN, N, WIDE THD
DWG NO: AHDM04-24-19PN
REV: A2
SH: 1
OF: 1