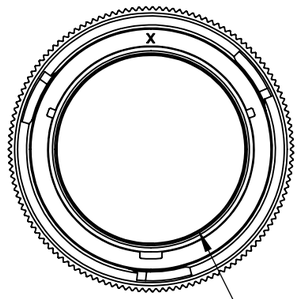
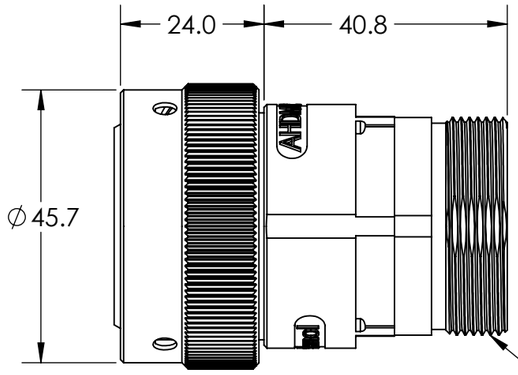
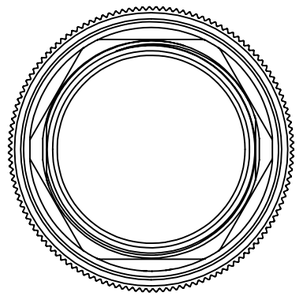
| REVISIONS | | | | |
|---|---|---|---|---|
| REV. | DESCRIPTION | DATE | BY | APPROVED |
| A1 | RELEASE | 8/4/2025 | RE | TZ |

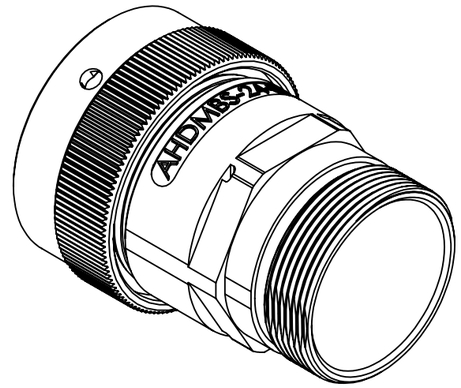



NO CONTACTS SHOWN
FOR REFERENCE ONLY. SEE NOTE 6




1-7/16-18 THREAD






NOTES: UNLESS OTHERWISE SPECIFIED

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

2. BACKSHELL MATERIAL:
   SHELL: ALUMINIUM ALLOY, NICKEL PLATED

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. APPLY BACKSHELL TO CABLE OD SIZE: Ø11.20-Ø24.08 .

5. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

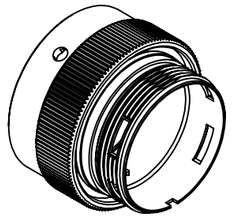
6. SEE SPECIFIC RECEPTACLE AND BACKSHELL DRAWING FOR:
   6.1 CONTACT SIZE AND WIRE RANGE.
   6.2 RETAINING RING COLOR.
   6.3 MATING PART(S).
   6.4 CONTACT LAYOUT AND ALL OTHER SPECIFICATIONS.

7. **DO NOT ASSEMBLE. SEND PARTS IN KIT**

6

**KIT**

**RECEPTACLE**
**AHDM06-24-XXXX**



**BACKSHELL**
**AHDMBS-24-L005**




| PART # | XXXX |
|---|---|
| AHDM06-24- | 07(P/S)N |
| AHDM06-24- | 07PN-CL22 |
| AHDM06-24- | 09(P/S)(R/N) |
| AHDM06-24- | 14(P/S)(R/N) |
| AHDM06-24- | 16(P/S)(R/N) |
| AHDM06-24- | 18(P/S)(R/N) |
| AHDM06-24- | 19(P/S)(R/N) |
| AHDM06-24- | 21(P/S)(R/N) |
| AHDM06-24- | 23(P/S)(R/N/T) |
| AHDM06-24- | 27(P/S)R |
| AHDM06-24- | 29(P/S)R |
| AHDM06-24- | 31(P/S)(R/T) |
| AHDM06-24- | 33(P/S)N |
| AHDM06-24- | 35(P/S)R |
| AHDM06-24- | 47(P/S)R |
| | |
| | |

| UNLESS OTHERWISE SPECIFIED: | | NAME | DATE |
|---|---|---|---|
| DIMENSIONS ARE IN METRIC | DRAWN | RE | 8/4/2025 |
| TOLERANCES: | CHECKED | | |
| FRACTIONAL: ±1/8<br>ANGLES: ±1°<br>1 PL DEC: ± 0.5<br>2 PL DEC: ± 0.25<br>3 PL DEC: ± 0.1 | ENG APPR. | | |
| | MFG APPR. | | |
| INTERPRET GEOMETRIC TOLERANCING PER: | | | |
| MATERIAL | | | |
| FINISH | | | |
| DO NOT SCALE DRAWING | | | |


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**Amphenol Sine Systems**

TITLE:

DURAMATE AHDM RECEPT, SIZE 24, WD THD, BACKSHELL WITH NO WEEP HOLES

| SIZE | DWG. NO. | REV |
|---|---|---|
| B | AHDM06-24-XXXX-L005 | A1 |

| SCALE: 1:1 | WEIGHT: | SHEET 1 OF 1 |
|---|---|---|