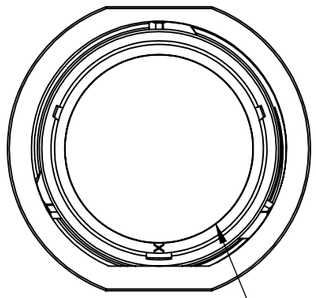
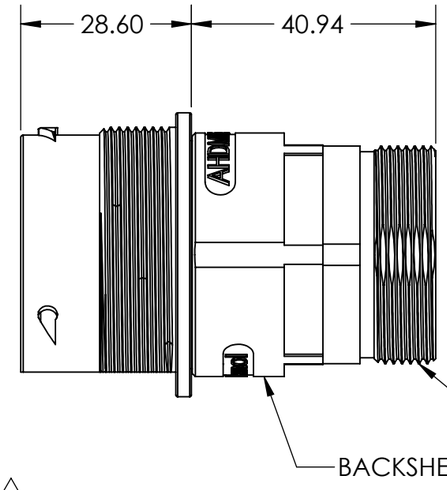
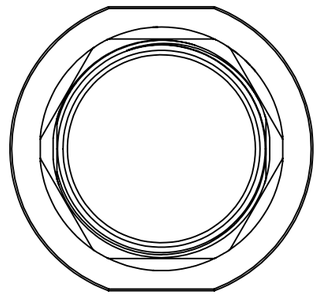
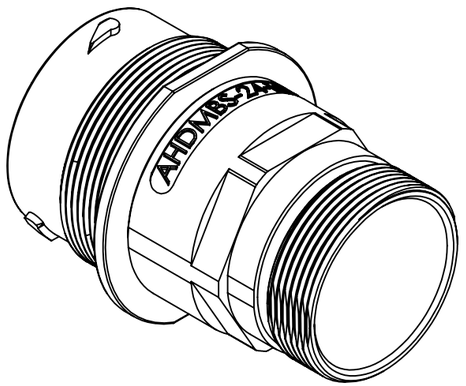
REVISIONS				
REV.	DESCRIPTION	DATE	BY	APPROVED
A1	RELEASE	8/4/2025	RE	TZ









NO CONTACTS SHOWN
FOR REFERENCE ONLY. SEE NOTE 6

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.

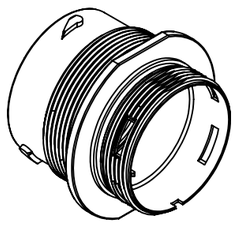
6. SEE SPECIFIC RECEPTACLE AND BACKSHELL DRAWING FOR:
 6.1 CONTACT SIZE AND WIRE RANGE.
 6.2 RETAINING RING COLOR.
 6.3 MATING PART(S).
 6.4 CONTACT LAYOUT AND ALL OTHER SPECIFICATIONS.

7. **DO NOT ASSEMBLE. SHIP AS KIT.**

6

KIT

RECEPTACLE
AHDM04-24-XXXX



BACKSHELL
AHDMBS-24-L005



RECEPTACLE NUMBERS	
PART #	XXXX
AHDM04-24-	07(P/S)N
AHDM04-24-	07PN-CL22
AHDM04-24-	09(P/S)(R/N)
AHDM04-24-	14(P/S)(R/N)
AHDM04-24-	16(P/S)(R/N)
AHDM04-24-	18(P/S)(R/N)
AHDM04-24-	19(P/S)(R/N)
AHDM04-24-	21(P/S)(R/N)
AHDM04-24-	23(P/S)(R/N/T)
AHDM04-24-	27(P/S)R
AHDM04-24-	29(P/S)R
AHDM04-24-	31(P/S)(R/T)
AHDM04-24-	33(P/S)N
AHDM04-24-	35(P/S)R
AHDM04-24-	47(P/S)R

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

PROPRIETARY AND CONFIDENTIAL

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF AMPHENOL SINE SYSTEMS. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF AMPHENOL SINE SYSTEMS IS PROHIBITED.

Amphenol Sine Systems

TITLE:

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

SIZE	DWG. NO.	REV
B	AHDM04-24-XXXX-L005	A1

SCALE: 1:1	WEIGHT:	SHEET 1 OF 1