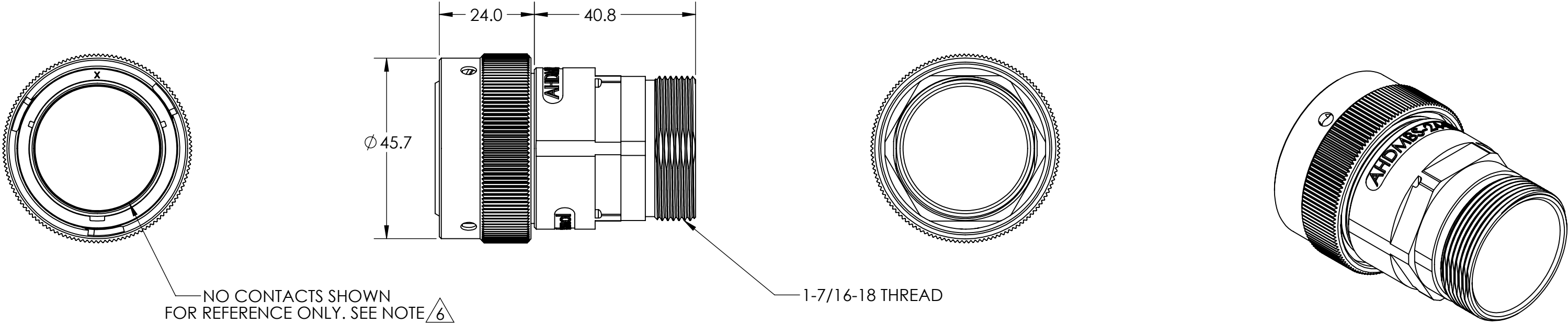


REVISIONS				
REV.	DESCRIPTION	DATE	BY	APPROVED
A1	RELEASE	8/4/2025	RE	TZ



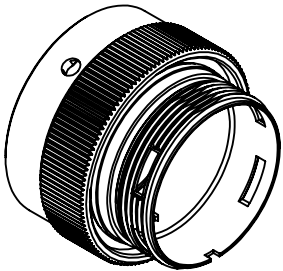
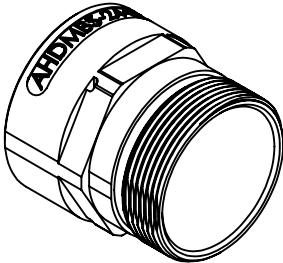
NOTES: UNLESS OTHERWISE SPECIFIED

- RECEPTACLE MATERIAL:
SHELL: ZINC ALLOY, NICKEL PLATED
INSERT AND RETAINING RING: THERMOPLASTIC
SEAL: SILICONE RUBBER
- BACKSHELL MATERIAL:
SHELL: ALUMINIUM ALLOY, NICKEL PLATED
- 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
- 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 AS KIT

KIT																																					
6 RECEPTACLE AHDM06-24-XXXX 																																					
	BACKSHELL AHDMBS-24-072 																																				
	<table><tr><th>PART #</th><th>XXXX</th></tr><tr><td>AHDM06-24-</td><td>07(P/S)N</td></tr><tr><td>AHDM06-24-</td><td>07PN-CL22</td></tr><tr><td>AHDM06-24-</td><td>09(P/S)(R/N)</td></tr><tr><td>AHDM06-24-</td><td>14(P/S)(R/N)</td></tr><tr><td>AHDM06-24-</td><td>16(P/S)(R/N)</td></tr><tr><td>AHDM06-24-</td><td>18(P/S)(R/N)</td></tr><tr><td>AHDM06-24-</td><td>19(P/S)(R/N)</td></tr><tr><td>AHDM06-24-</td><td>21(P/S)(R/N)</td></tr><tr><td>AHDM06-24-</td><td>23(P/S)(R/N/T)</td></tr><tr><td>AHDM06-24-</td><td>27(P/S)R</td></tr><tr><td>AHDM06-24-</td><td>29(P/S)R</td></tr><tr><td>AHDM06-24-</td><td>31(P/S)(R/T)</td></tr><tr><td>AHDM06-24-</td><td>33(P/S)N</td></tr><tr><td>AHDM06-24-</td><td>35(P/S)R</td></tr><tr><td>AHDM06-24-</td><td>47(P/S)R</td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr></table>	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				
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UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN METRIC		NAME	DATE	Amphenol Sine Systems	
TOLERANCES:		DRAWN	RE		
FRACTIONAL: ±1/8 ANGLES: ±1° 1 PL DEC: ±0.5 2 PL DEC: ±0.25 3 PL DEC: ±0.1		CHECKED			
		ENG APPR.			
INTERPRET GEOMETRIC TOLERANCING PER:		MFG APPR.		TITLE: DURAMATE AHDM RECEPT, SIZE 24, WD THD, BACKSHELL WITH WEEP HOLES	
MATERIAL		<u>PROPRIETARY AND CONFIDENTIAL</u> 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.			
FINISH					
DO NOT SCALE DRAWING					
SIZE	DWG. NO.		REV		
B	AHDM06-24-XXXX-072		A1		
SCALE: 1:1		WEIGHT:		SHEET 1 OF 1	