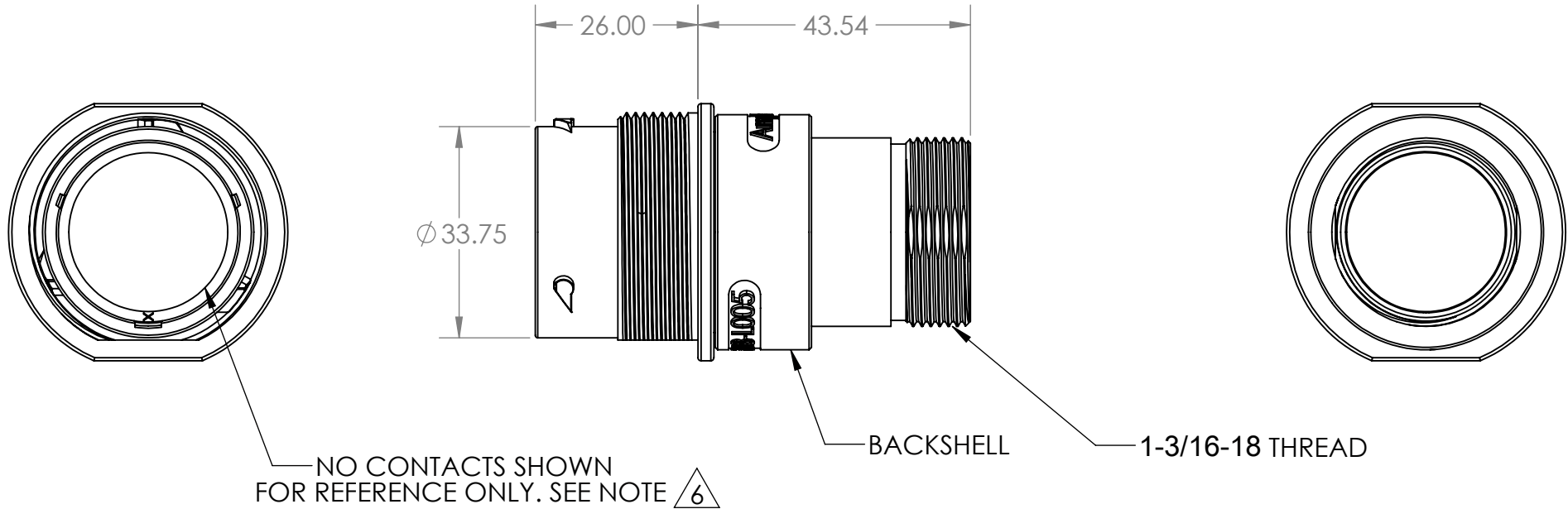
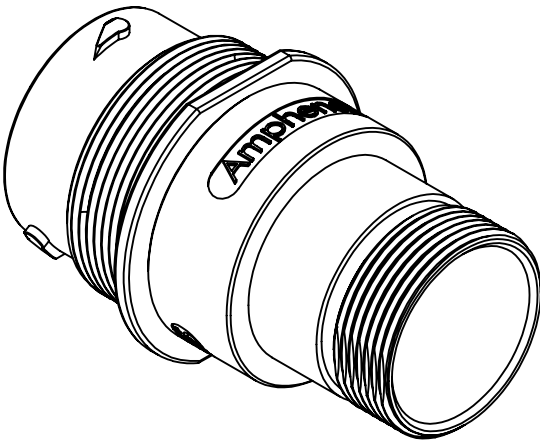




REVISIONS				
REV.	DESCRIPTION	DATE	BY	APPROVED
A1	RELEASE	8/4/2025	RE	TZ



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°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

4. APPLY BACKSHELL TO CABLE OD SIZE: Ø11.20-Ø19.30 .

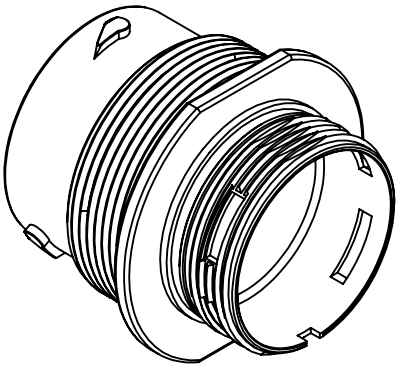
5. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

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.

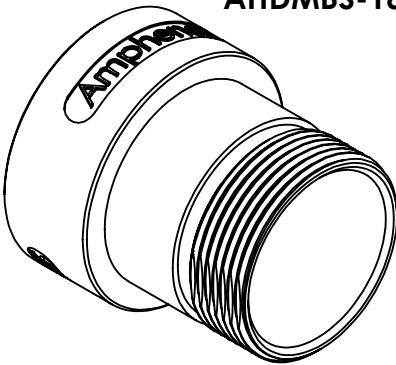
6

KIT

RECEPTACLE
AHDM04-18-XXXX



BACKSHELL
AHDMBS-18-L005



RECEPTACLE NUMBERS	
PART #	XXXX
AHDM04-18-	06PN
AHDM04-18-	06SN
AHDM04-18-	08PN
AHDM04-18-	08PR
AHDM04-18-	08SN
AHDM04-18-	08SR
AHDM04-18-	14PN
AHDM04-18-	14PR
AHDM04-18-	14SN
AHDM04-18-	14SR
AHDM04-18-	20PN
AHDM04-18-	20PR
AHDM04-18-	20SN
AHDM04-18-	20SR
AHDM04-18-	21PN
AHDM04-18-	21SN
AHDM04-18-	06PN-C030
AHDM04-18-	06SN-C030

UNLESS OTHERWISE SPECIFIED: <u>DIMENSIONS ARE IN METRIC</u>		NAME	DATE	Amphenol Sine Systems		
TOLERANCES:		DRAWN	RE			8/4/2025
FRACTIONAL: ±1/8 ANGLES: ±1° 1 PL DEC: ± 0.5 2 PL DEC: ± 0.25 3 PL DEC: ± 0.1		CHECKED				
INTERPRET GEOMETRIC TOLERANCING PER:		ENG APPR.				
MATERIAL		MFG APPR.				
FINISH		<u>PROPRIETARY AND CONFIDENTIAL</u>			TITLE: DURAMATE AHDM RECEPT, SIZE 18, WD THD, BACKSHELL WITH NO WEEP HOLES	
DO NOT SCALE DRAWING		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.				
		SIZE	DWG. NO.	REV		
		B	AHDM04-18-XXXX-L005	A1		
		SCALE: 1:1		WEIGHT:	SHEET 1 OF 1	