

## NOTES: UNLESS OTHERWISE SPECIFIED

1. PLUG MATERIAL:

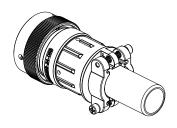
SHELL: ZINC ALLOY, NICKEL PLATED COUPLING RING: ALUMINUM ALLOY, NICKEL PLATED INSERT AND RETAINING RING: THERMOPLASTIC SEAL: SILICONE RUBBER

2. BACKSHELL MATERIAL:

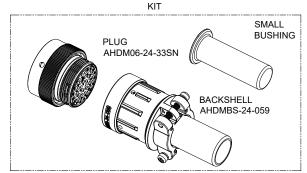
SHELL: ALUMINIUM ALLOY, NICKEL PLATED; LATCH SEGMENT: ALUMINIUM ALLOY, NICKEL PLATED; SCREW AND LOCK WASHER: STAINLESS STEEL; BUSHING: EPDM.

## 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 TO CABLE OD SIZE: Ø11.20-Ø24.08 . CAN BE USED:
- 4.1. WITH LARGE AND SMALL BUSHINGS IN PLACE.
- 4.2. WITH ONLY LARGE BUSHING IN PLACE.
- 4.3. WITH BOTH BUSHINGS REMOVED.
- 5. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.
- 6. SEE SPECIFIC PLUG 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.







AHDM06-2		24-33SN-059		REF:HD36-24-33SN-059			
QUANTITY	ANTITY PART NUMBER		DESCRIPTION				
MATERIALS LIST							
UNLESS OTHERWISE SPECIFIED  1) All dimensions are in metric(mm). 2) Tolerances are as follows:  1 PL DEC ±0.30 2 PL DEC ±0.16 3) Note reference =   X		SIGNATURE	S DATE	Amphonol			
		DRAWN: LYNCH.PAN	17/JAN/24	<ul> <li>Amphenol</li> </ul>			
		CHECKED: SULLENZHAN	IG 18/JAN/24	Sine Systems - www.amphenol-sine.com			
		ENGINEER:		44724 Morley Drive			
MATERIAL SPECIFICATIONS:		APPROVAL: TOMMY.XIE	19/JAN/24 Clinton Township, MI 48036				
WEIGHT: 169.08g		CUSTOMER:		DURAMATE AHDM PLUG, SIZE 24, WD THD,KIT W/CABLE CLAMP BACKSHELL			
		SHOWN HEREON ARE THE PROPERTY OF THE AMPHENOL CORPORATION. NO RIGHTS OF REPRODUCTION ARE IMPLIED. ALL DIMENSIONS ARE SUBJECT TO MORMAN					
PROCESS SPECIFICATIONS:				B C- AHDM06-24-33SN-059	A1		
NEXT ASS'Y:				SCALE: NONE SHEET 1 0	ғ 1		

CKSHEL DWG NO: AHDM06-24-33SN-059 RE

-33SN-059 REV: A1 SH: 1