

1. MATERIAL:

SHELL: ZINC ALLOY, NICKEL PLATED

COUPLING RING: ALUMINUM ALLOY, NICKEL PLATED INSERT AND RETAINING RING: THERMOPLASTIC

SEAL: SILICONE RUBBER

2. MODIFICATIONS: THREADED HOUSING; NORMAL DIA. SEAL

- 3. SPECIFICATIONS:
 - 3.1 OPERATING TEMPERATURE: -55°C TO +125°C.
 - 3.2 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.
 3.3 INSULATION RESISTANCE: 1000 MEGOHM MIN @ 25°C.

 - 3.4 MOISTURE RESISTANCE:

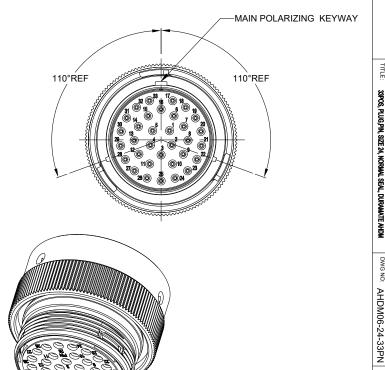
IP68(IM OF WATER FOR A PERIOD OF 24 HOURS,MATED CONDITION);

IP69K (MATED CONDITION)

- 3.5 MATING CYCLE DURABILITY: 100 CYCLES
- 3.6 RoHS COMPLIANT
- 4. MATING PART: AHDM04-24-33S* AND AHDM07-24-33S* (* = SEAL TYPE)
- 5. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

6 CON	ITACT SIZE A	NGE:		
CONTACT SIZE	MIN. INSUL O.D.	MAX. INSUL O.D.	TYPICAL WIRE RANGE	CURRENT RATING
20	1.02 mm (.040 in)	2.41 mm (.095 in)	16-22 AWG (1.5-0.35mm²)	7.5 AMPS

		REVISIONS						
	REV	ECO	DESCRIPTION	DATE	BY	APPR		
ĺ	A1		RELEASE NEW DRAWING	17/JAN/24	LYNCH	TOMMY		



	AHDM0	6-24-33PN	REF:HD36-24-33PN			
QUANTITY PART N		IUMBER	DESCRIPTION		ITEN	
		MA	TERL	ALS LIST		
UNLESS OTHERWISE SPECIFIED		SIGNATURES DATE		Amahanal		
) All dimensions are in metric(mm).) Tolerances are as follows: I PL DEC ±0.30 Fractions ±1/64		N 17/JAN/24	Amphenol		
2 PL DEC ±0.15 3 PL DEC ±0.08	Angles ±1°	CHECKED: SULLENZHA	NG 18/JAN/24	44724 Morley Drive		
3) Note reference	- /×\	ENGINEER:				
MATERIAL SPECIFICATIONS: WEIGHT: 88.26g PROCESS SPECIFICATIONS:		APPROVAL: TOMMYX	E 18/JAN/24	Clinton Township, MI 48036		
		CUSTOMER:		33POS, PLUG,PIN, SIZE 24, NORMAL SEAL, DURAMATE AHDM		
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				B C- AHDM06-24-33PN	REVISIO A	
NEXT ASS'Y:		MANUFACTURING VARIATIONS.		SCALE: NONE SHEET 1 OF	1	

RETAINING RING

- GREEN