26.0   96.8

Ø39.7

Ø18.8
LARGE BUSHING

BUSHING

BACKSHELL

2X SCREW AND
LOCK WASHER

2X LATCH SEGMENT

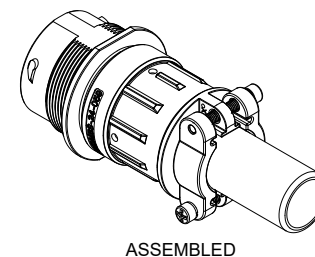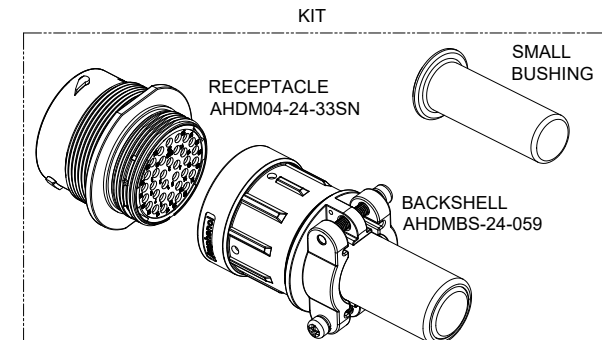2X RECOMMENDED TORQUE : 1.5-2.0 NM

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;
   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 RECEPTACLE 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.

ASSEMBLED

KIT

SMALL
BUSHING

RECEPTACLE
AHDM04-24-33SN

BACKSHELL
AHDMBS-24-059

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

AHDM04-24-33SN-059		REF:HD34-24-33SN-059	
QUANTITY	PART NUMBER	DESCRIPTION	ITEM

MATERIALS LIST

UNLESS OTHERWISE SPECIFIED
1) All dimensions are in metric(mm).
2) Tolerances are as follows:
  1 PL DEC ±0.30   Fractions ±1/64
  2 PL DEC ±0.15   Angles ±1°
  3 PL DEC ±0.08
3) Note reference = △X

SIGNATURES	DATE
DRAWN: LYNCH.PAN	17/JAN/24
CHECKED: SULLEN.ZHANG	18/JAN/24
ENGINEER:	
APPROVAL: TOMMY.XIE	19/JAN/24

Amphenol

Sine Systems - www.amphenol-sine.com
44724 Morley Drive
Clinton Township, MI 48036

MATERIAL SPECIFICATIONS:

WEIGHT: 195.0g

PROCESS SPECIFICATIONS:

CUSTOMER:

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DESCRIPTION: DURAMATE AHDM RECEPT, SIZE 24, WD THD,KIT W/CABLE CLAMP BACKSHELL

SIZE	TYPE	DWG NO:	REVISION
B	C-	AHDM04-24-33SN-059	A1

SCALE: NONE   SHEET 1 OF 1

NEXT ASS'Y: