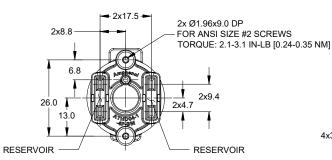
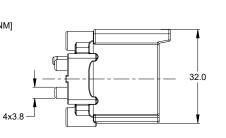
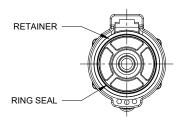


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASED DRAWING	JUN-15-22	VITO	TOMMY
A2	-	ADDED VOLTAGE RATING	11MAR2025	JHEAD	WS







NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL:

HOUSING, RETAINER: THERMOPLASTIC; COLOR: BLACK CONTACT: COPPER ALLOY SEAL: SILICONE RUBBER

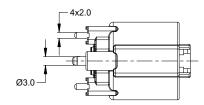
2. MODIFICATIONS: BOARDLOCK, SELF-THREADING

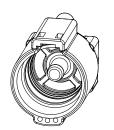
- 3. SPECIFICATIONS:
 - 3.1 CURRENT RATING:100 AMPS
 - 3.2 VOLTAGE RATING: 1000 V AC/DC
 - 3.3 OPERATING TEMPERATURE: -55°C TO +125°C
 - 3.4 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.
 - 3.5 INSULATION RESISTANCE: 1000 MEGOHMS MIN @ 25°C.
 - 3.6 MOISTURE RESISTANCE:

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

IP69K (MATED CONDITION)

- 3.7 MATING CYCLE DURABILITY: 100 CYCLES
- 3.8 RoHS COMPLIANT
- 4. MATING PART: ATHD06-1-4S-XX PLUG(XX = MODIFICATIONS)
- 5. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.





ATHD04-1-4P-BM1X VARIANTS					
CONTACT PLATING	POTTING OR NOT IN RESERVOIR	PART NUMBER	WEIGHT (GRAMS)		
MATING END: GOLD PCB END: TIN	NO POTTING	ATHD04-1-4P-BM11	23.8		
MATING END: GOLD PCB END: TIN	POTTING	ATHD04-1-4P-BM12	25.6		
MATING END: NICKEL PCB END: TIN	NO POTTING	ATHD04-1-4P-BM13	23.8		
MATING END: NICKEL PCB END: TIN	POTTING	ATHD04-1-4P-BM14	25.6		

QUANTITY	PART NUMBER					
			MA	T	ERI	ΔL
UNLESS OTHER	SIG	NATURI	ES	DATE		
2) Tolerances are a		DRAWN:	VITO.LI		JUN-15-22	
2 PL DEC ±0.15 3 PL DEC ±0.08	Angles ±1"	CHECKED:	SULLEN.ZHA	NG	JUN-16-22] _
3) Note reference	3) Note reference = X					
MATERIAL SPECIFICA	TIONS:	APPROVAL	TOMMY.XII	Ξ.	JUN-17-22	_
		CUSTOMER	Ŀ]
PROCESS SPECIFICATIONS:		THIS DRAWING IS SUPPLIED FOR INFORMATION ONLY. DESIGN FEATURES,				
PROCESS SPECIFICA	SPECIFICATIONS AND PERFORMANCE DATA SHOWN HEREON ARE THE PROPERTY OF					
	THE AMPHENOL CORPORATION, NO RIGHTS OF REPRODUCTION ARE IMPLIED, ALL DIMENSIONS ARE SUBJECT TO NORMAL			E		
NEXT ASS'Y:			URING VARIAT			SCALE

ATHD04-1-4P-BM1X

Amphenol		
LS LIST		
DESCRIPTION	ITEM	ı i

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

SINGLE POS, RECEPTACLE, PIN ,SIZE 4, BOARDLOCK,ATHD SERIES,SELF-THREADING

B C- ATHD04-1-4P-BM1X A	`_	•
SCALE: NONE SHEET 1 OF	1	_

SINGLE POS, RECEPTIACIE, PIN ,SIZE 4, BOARDLOCK ATHD SERIES, SELF-THREADING DWG NO: ATHDO4-1-4P-BM1X REV

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SE

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