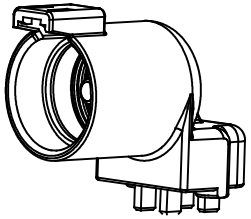
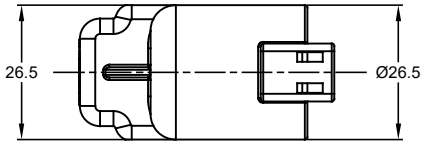
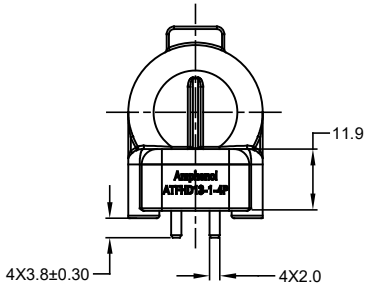
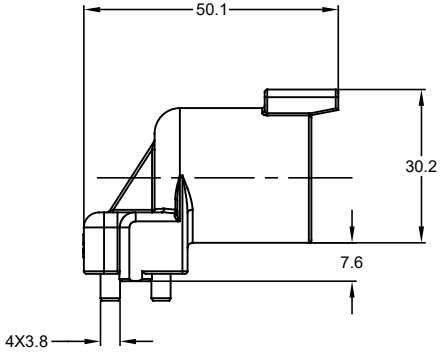
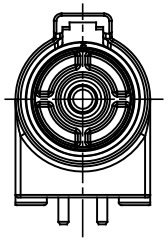
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASED DRAWING	AUG-06-20	VITO	TOMMY

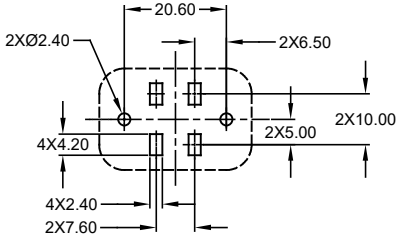












RECOMMENDED PCB LAYOUT

NOTES: UNLESS OTHERWISE SPECIFIED

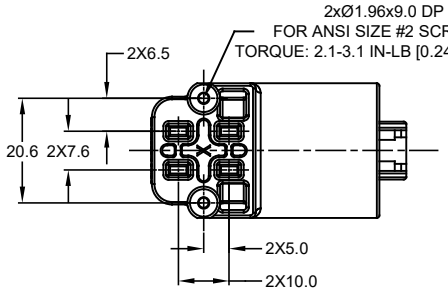
1. MATERIAL:
   HOUSING: THERMOPLASTIC; COLOR:BLACK
   CONTACT: COPPER ALLOY
   SEAL:SILICONE RUBBER

2. MODIFICATIONS :RIGHT ANGLE PCB MOUNT,SCREW BOSS

3. SPECIFICATIONS:
   3.1 CURRENT RATING: 100 AMPS
   3.2 OPERATING TEMPERATURE: -55°C TO +125°C
   3.3 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 3000 VOLTS AC.
   3.4 INSULATION RESISTANCE: 1000 MEGOHMS MIN @ 25°C.
   3.5 MOISTURE RESISTANCE: IP67 (MATED CONDITION)
   3.6 MATING CYCLE DURABILITY: 100 CYCLES
   3.7 RoHS COMPLIANT

4. MATING PART:ATHD06-1-4S PLUG

5. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.



ATFHD13-1-4P-BM1X VARIANTS	
CONTACT PLATING	PART NUMBER
MATING END: GOLD PCB END: TIN	ATFHD13-1-4P-BM11
MATING END: NICKEL PCB END: TIN	ATFHD13-1-4P-BM13

	ATFHD13-1-4P-BM1X		
	PART NUMBER	DESCRIPTION	ITEM
QUANTITY	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

MATERIAL SPECIFICATIONS:

PROCESS SPECIFICATIONS:

NEXT ASSY:

SIGNATURES		DATE
DRAWN:	VITO.LI	AUG-06-20
CHECKED:	ORION.LI	AUG-08-20
ENGINEER:		
APPROVAL:	TOMMY.XIE	AUG-08-20
CUSTOMER:		

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Amphenol

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

1 POS, RIGHT ANGLE RECEPTACLE, PIN, ATHD SERIES, SCREW BOSS, BOARD MOUNT

SIZE	TYPE	DWG NO:	REVISION
B	C-	ATFHD13-1-4P-BM1X	A1

SCALE: NONE | BOARDLOCK | SHEET 1 OF 1

TITLE: 1POS RIGHT ANGLE RECEPTACLE PIN,ATHD SERIES,SCREW BOSS,BOARD MOUNT
DWG NO: ATFHD13-1-4P-BM1X
REV: A1
SH: 1
OF: 1