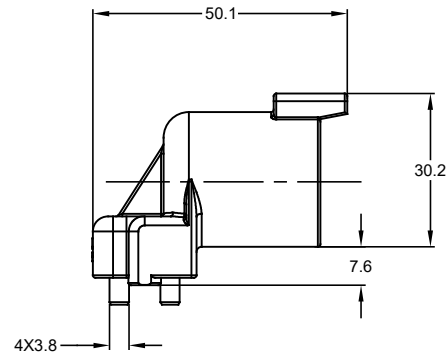
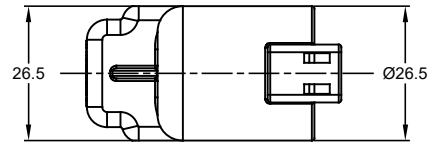
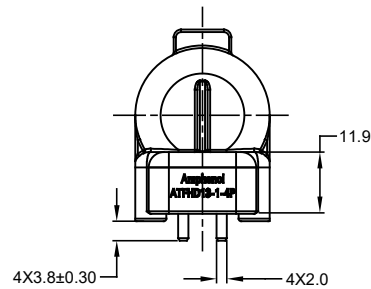
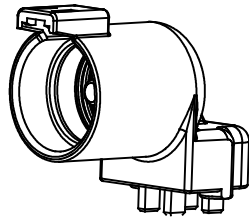


NOTES: UNLESS OTHERWISE SPECIFIED

- MATERIAL:
HOUSING: THERMOPLASTIC; COLOR:BLACK
CONTACT: COPPER ALLOY
SEAL:SILICONE RUBBER
- MODIFICATIONS :RIGHT ANGLE PCB MOUNT,SCREW BOSS
- 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
- MATING PART:ATHD06-1-4S PLUG
- ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

ATFDH13-1-4P-BM1X VARIANTS	
CONTACT PLATING	PART NUMBER
MATING END: GOLD PCB END: TIN	ATFDH13-1-4P-BM11
MATING END: NICKEL PCB END: TIN	ATFDH13-1-4P-BM13

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

RECOMMENDED PCB LAYOUT	
ATFDH13-1-4P-BM1X	
QUANTITY	PART NUMBER
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 ±0.15 3 PL DEC ±0.08 3) Note reference =	
SIGNATURES DATE DRAWN: VITO LI AUG-06-20 CHECKED: ORION LI AUG-08-20 ENGINEER: APPROVAL: TOMMY XIE AUG-08-20	
MATERIAL SPECIFICATIONS:	
PROCESS SPECIFICATIONS:	
NEXT ASSY:	
CUSTOMER: THIS DRAWING IS SUPPLIED FOR INFORMATION ONLY. DESIGN FEATURES, 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 MANUFACTURING VARIATIONS.	
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 B	TYPE C-
DWG NO. ATFDH13-1-4P-BM1X	REVISION A1
SCALE NONE	BOARDLOCK
SHEET 1	OF 1