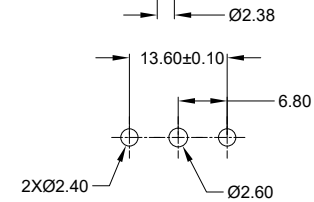
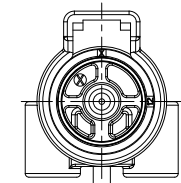


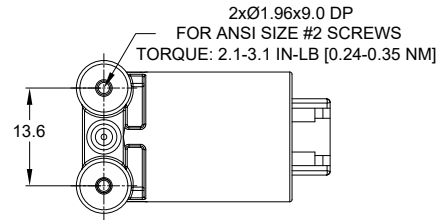
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASED DRAWING	MAY-10-21	VITO	TOMMY



RECOMMENDED PCB LAYOUT

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: 25 AMPS
3.2 OPERATING TEMPERATURE: -55°C TO +125°C
3.3 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.
3.4 INSULATION RESISTANCE: 1000 MEGOHMS MIN @ 25°C.
3.5 MOISTURE RESISTANCE: IP67&IP69K (MATED CONDITION)
3.6 MATING CYCLE DURABILITY: 100 CYCLES
3.7 RoHS COMPLIANT
- MATING PART:ATHD06-1-12S-XX PLUG (XX = MODIFICATIONS)
- ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.



ATFDH13-1-12P-BM1X VARIANTS		
CONTACT PLATING	PART NUMBER	WEIGHT (GRAMS)
GOLD	ATFDH13-1-12P-BM11	7.60
TIN	ATFDH13-1-12P-BM13	7.60

ATFDH13-1-12P-BM1X		DESCRIPTION		ITEM
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
MATERIAL SPECIFICATIONS:		DRAWN: VITOLI		MAY-10-21
PROCESS SPECIFICATIONS:		CHECKED: ORION LI		MAY-12-21
NEXT ASSY:		APPROVAL: TOMMY XIE		MAY-13-21
		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, BOARDLOCK,ATHD SERIES,SIZE 12,SCREW BOSS		
SIZE	TYPE	DWG NO.	REVISION	
B	C-	ATFDH13-1-12P-BM1X	A1	
SCALE: NONE		SHEET 1 OF 1		

TITLE: 1 POS,RIGHT ANGLE RECEPTACLE,PIN,ATHD SERIES,SIZE 12,SCREW BOSS DWG NO: ATFDH13-1-12P-BM1X REV: A1 SH: 1 OF: 1