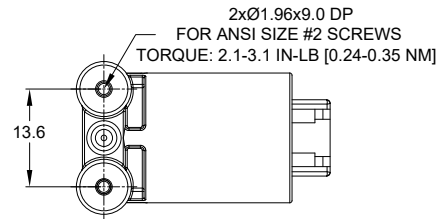


RECOMMENDED PCB LAYOUT

NOTES: UNLESS OTHERWISE SPECIFIED

- MATERIAL:
HOUSING: THERMOPLASTIC; COLOR:BLACK
CONTACT: COPPER ALLOY
SEAL:SILICONE RUBBER
- MODIFICATIONS :RIGHT ANGLE PCB MOUNT,SCREW BOSS
- SPECIFICATIONS:
 - CURRENT RATING: 25 AMPS
 - OPERATING TEMPERATURE: -55°C TO +125°C
 - DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.
 - INSULATION RESISTANCE: 1000 MEGOHMS MIN @ 25°C.
 - MOISTURE RESISTANCE: IP67&IP69K (MATED CONDITION)
 - MATING CYCLE DURABILITY: 100 CYCLES
 - RoHS COMPLIANT
- MATING PART:ATHD06-1-12S-XX PLUG (XX = MODIFICATIONS)
- ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.



ATFD13-1-12P-BM1X VARIANTS		
CONTACT PLATING	PART NUMBER	WEIGHT (GRAMS)
GOLD	ATFD13-1-12P-BM11	7.60
TIN	ATFD13-1-12P-BM13	7.60

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

		ATFD13-1-12P-BM1X				DESCRIPTION		ITEM	
		PART NUMBER							
QUANTITY		MATERIALS LIST							
UNLESS OTHERWISE SPECIFIED				SIGNATURES		DATE		Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036	
1) All dimensions are in metric(mm).				DRAWN:		VITOLI MAY-10-21			
2) Tolerances are as follows:				CHECKED:		ORION LI MAY-12-21			
1 PL DEC ±0.30 1 Fractions 1/64				ENGINEER:					
2 PL DEC ±0.15 Angles ±1°				APPROVAL:		TOMMY XIE MAY-13-21			
3) Note reference = 									
MATERIAL SPECIFICATIONS:				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.					
PROCESS SPECIFICATIONS:				1 POS,RIGHT ANGLE RECEPTACLE,PIN, BOARDLOCK,ATHD SERIES,SIZE 12,SCREW BOSS					
				SIZE		TYPE		DWG NO.	
				B		C-		ATFD13-1-12P-BM1X	
NEXT ASSY:				SCALE		NONE		REVISION	
								A1	
				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					
				SHEET		1		OF 1	

TITLE: 1 POS,RIGHT ANGLE RECEPTACLE,PIN,ATHD SERIES,SIZE 12,SCREW BOSS
DWG NO: ATFD13-1-12P-BM1X
REV: A1
SH: 1
OF: 1