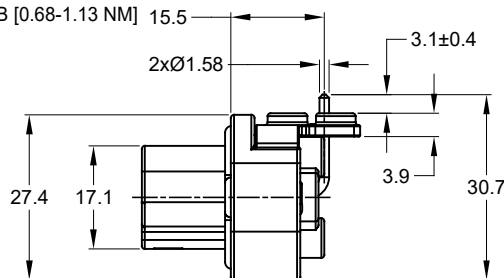


3xØ2.79±0.12
RECOMMENDED SCREW: 4-20 [M3.12 x 1.27]
THREAD-FORMING SCREW,
TORQUE:6-10 IN-LB [0.68-1.13 NM]

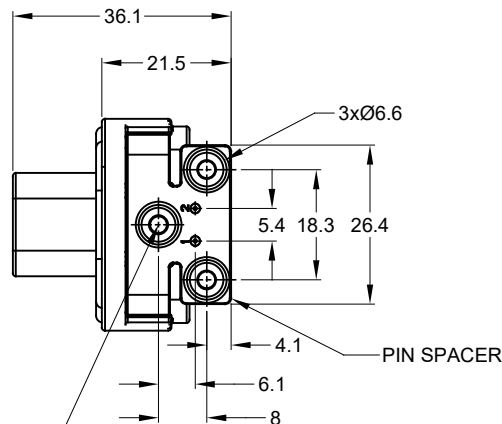


1. MATERIAL:
HOUSING: THERMOPLASTIC
SEAL: SILICONE RUBBER
CONTACT: COPPER ALLOY

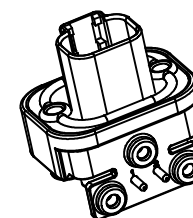
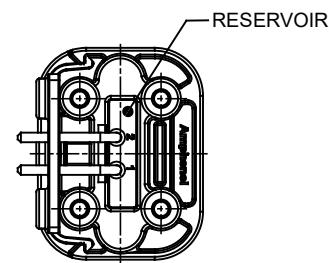
3. SPECIFICATIONS:

- 3.1 CURRENT RATING: 13 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 (MATED CONDITION)
- 3.6 MATING CYCLE DURABILITY: 100 CYCLES
- 3.7 ROHS COMPLIANT

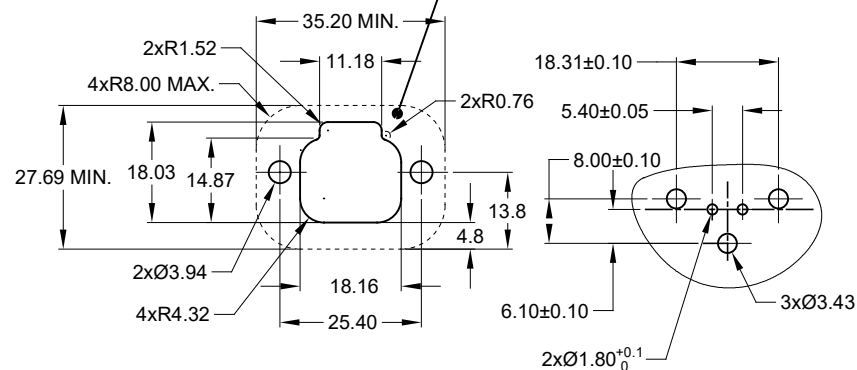
6. POTTED CONNECTORS SPECIFIED FOR UP TO 5 P.S.I. APPLICATIONS.



REV	ECO	DESCRIPTION	DATE	BY	APPROVED
A1	--	RELEASE NEW DRAWING	20JUN18	JONY	TOMM
A2	--	REVISED DRAWING	10JUL20	JHEAD	DH



INTERNAL SEALING SURFACE
FINISH TO BE 3.2/ OR BETTER 



RECOMMENDED PCB LAYOUT

AT13-2P-BMXX VARIANTS		
CONTACT PLATING	POTTING OR NOT IN RESERVOIR	PART NUMBER
GOLD	NO POTTING	AT13-2P-BM01
GOLD	POTTING	AT13-2P-BM02
TIN	NO POTTING	AT13-2P-BM03
TIN	POTTING	AT13-2P-BM04

	AT13-2P-BMXX	REF: DT13-2P	
	PART NUMBER	DESCRIPTION	ITEM
QUANTITY	MATERIALS LIST		
UNLESS OTHERWISE SPECIFIED:		Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036	
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) Note reference =			
MATERIAL SPECIFICATIONS:			
PROCESS SPECIFICATIONS:			
NEXT ASSY:			
SIGNATURES		DATE	
DRAWN: JONY.XIE		20JUN18	
CHECKED: ORION.LI		20JUN18	
ENGINEER:			
APPROVAL: TOMMY.XIE		20JUN18	
CUSTOMER:			
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SIZE		TYPE	DWG NO.
B C-			AT13-2P-BMXX
SCALE:		NONE	
SHEET		1	OF
REVISION		A.2	

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