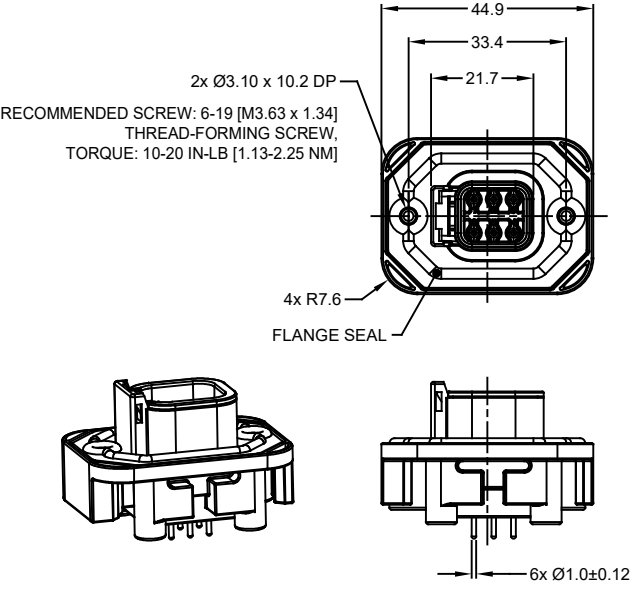
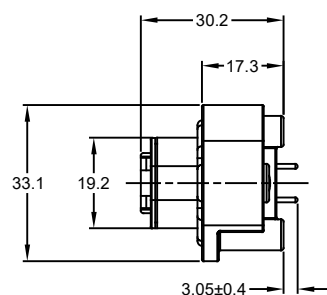


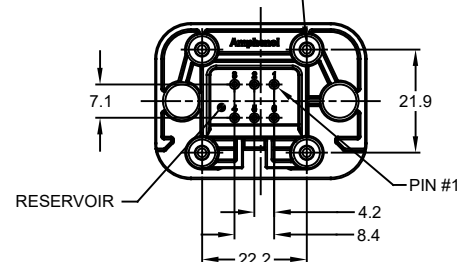


RECOMMENDED SCREW: 6-19 [M3.63 x 1.34]
THREAD-FORMING SCREW,
TORQUE: 10-20 IN-LB [1.13-2.25 NM]

4x R7.6
FLANGE SEAL



4x Ø2.79 x 13.25 DP
RECOMMENDED SCREW: 4-20 [M3.12 x 1.27]
THREAD-FORMING SCREW,
TORQUE: 6-10 IN-LB [0.68-1.13 NM]



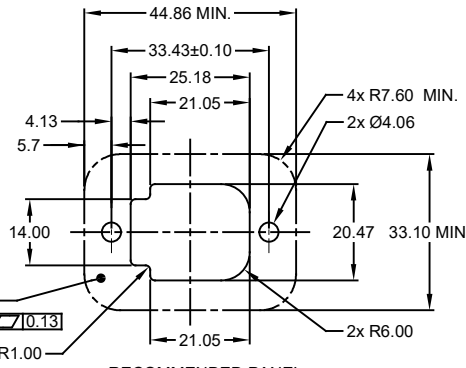
RESERVOIR

PIN #1

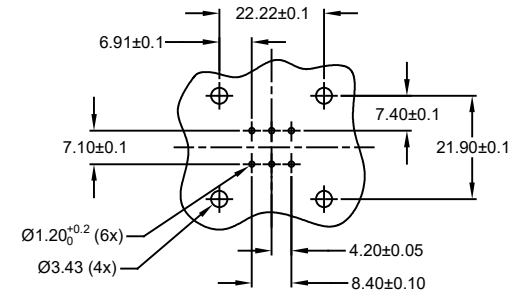
NOTES: UNLESS OTHERWISE SPECIFIED

- MATERIAL:
HOUSING: THERMOPLASTIC, GREY
SEAL: SILICONE RUBBER
CONTACT: COPPER ALLOY
- MODIFICATIONS: FLANGE; STRAIGHT PCB MOUNT
- SPECIFICATIONS:
3.1 CURRENT RATING: 7.5 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
- MATING PART: ATM06-6S* (* = ALL MODIFICATIONS)
- ALL DIMENSIONS ARE FOR REFERENCE USE ONLY
- POTTED CONNECTORS SPECIFIED FOR UP TO 5 P.S.I. APPLICATIONS.

INTERNAL SEALING SURFACE
FINISH TO BE $\sqrt{32}$ OR BETTER $\sqrt{10.13}$



RECOMMENDED PANEL
CUTOUT



RECOMMENDED PCB LAYOUT
VIEW FROM COMPONENTS
SIDE OF PCB

ATM15-6P-BMXX VARIANTS		
CONTACT PLATING	POTTING OR NOT IN RESERVOIR	PART NUMBER
GOLD	NO POTTING	ATM15-6P-BM01
GOLD	POTTING	ATM15-6P-BM02
TIN	NO POTTING	ATM15-6P-BM03
TIN	POTTING	ATM15-6P-BM04

ATM15-6P-BMXX			
PART NUMBER		DESCRIPTION	
ITEM			
MATERIALS LIST			
UNLESS OTHERWISE SPECIFIED		SIGNATURES	
1) All dimensions are in metric (mm).		DATE	
2) Tolerances are as follows:		15JUN18	
1 PL DEC ±0.30		15JUN18	
2 PL DEC ±0.15		15JUN18	
3 PL DEC ±0.08		15JUN18	
3) Note reference =		15JUN18	
MATERIAL SPECIFICATIONS:		CUSTOMER:	
PROCESS SPECIFICATIONS:		THIS DRAWING IS SUPPLIED FOR INFORMATION ONLY. DESIGN FEATURES, SPECIFICATIONS AND PERFORMANCE DATA SHOWN HEREIN ARE THE PROPERTY OF THE AMPHENOL CORPORATION. NO RIGHTS OF REPRODUCTION ARE IMPLIED. ALL DIMENSIONS ARE SUBJECT TO NORMAL MANUFACTURING VARIATIONS.	
NEXT ASSY:		SCALE: NONE	
		SHEET 1 OF 1	

Amphenol

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

BOARDLOCK PCB MOUNT RECEPTACLE,
6 PIN, STRAIGHT FLANGE, ATM SERIES

SIZE: B C- TYPE: C- DWG NO: ATM15-6P-BMXX REVISION: A2

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

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[ATM15-6P-BM02](#)