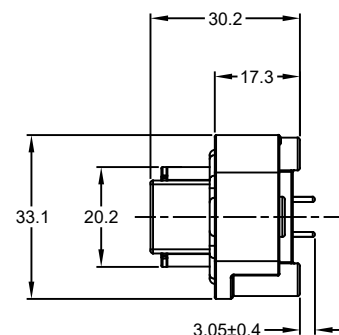
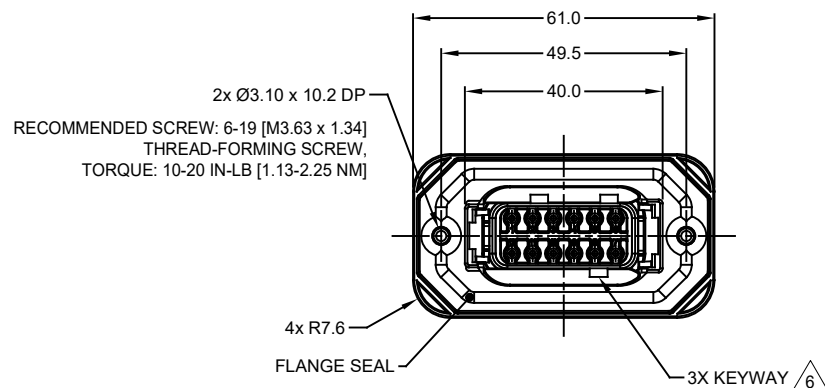
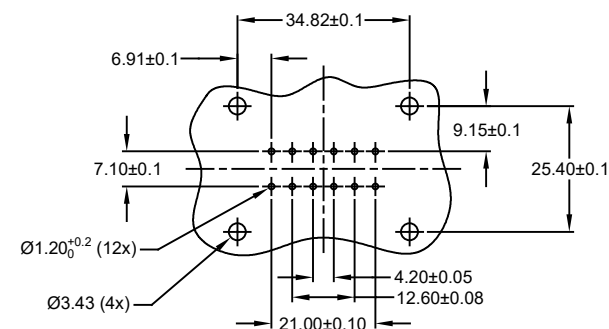
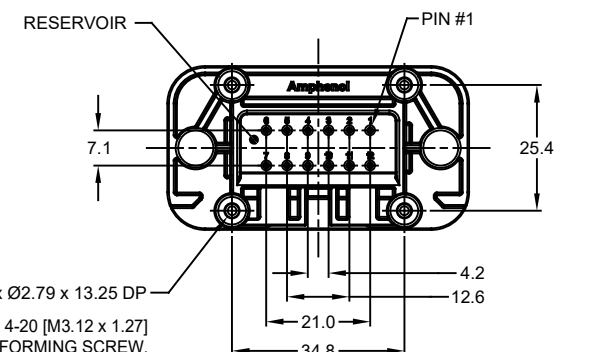


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE NEW DRAWING	15JUN18	SULLEN	TOMMY
A2	-	REVISED DRAWING	10JUL20	JHEAD	DH



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



RECOMMENDED PCB LAYOUT
VIEW FROM COMPONENTS
SIDE OF PCB

ATM15-12PX-BMXX		DTM15-12PA, DTM15-12PB, DTM15-12PC, DTM15-12PD, DTM15-12PA-G003, DTM15-12PB-G003, DTM15-12PC-G003		
PART NUMBER		DESCRIPTION		ITEM
QUANTITY	MATERIALS LIST			
UNLESS OTHERWISE SPECIFIED		SIGNATURES		DATE
1) All dimensions are in metric (mm).		DRAWN: SULLEN, ZHANG		15JUN18
2) Tolerances are as follows:		CHECKED: ORION, LI		15JUN18
1 PL DEC ±0.30		ENGINEER:		
2 PL DEC ±0.15		APPROVAL: TOMMY, XIE		15JUN18
3 PL DEC ±0.08		CUSTOMER:		
3) Note reference = 		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.		
MATERIAL SPECIFICATIONS:		SIZE		TYPE
PROCESS SPECIFICATIONS:		B C-		ATM15-12PX-BMXX
NEXT ASSY:		SCALE: NONE		REVISION
		SHEET 1 OF 2		2

NOTES: UNLESS OTHERWISE SPECIFIED

- MATERIAL:
HOUSING: THERMOPLASTIC, GREY
SEAL: SILICONE RUBBER
CONTACT: COPPER ALLOY
- CONTACT PLATING: SEE SHEET 2
- MODIFICATIONS: FLANGE; STRAIGHT PCB MOUNT
- SPECIFICATIONS:

- 4.1 CURRENT RATING: 7.5 AMPS
- 4.2 OPERATING TEMPERATURE: -55°C TO +125°C
- 4.3 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC
- 4.4 INSULATION RESISTANCE: 1000 MEGOHMS MIN @ 25°C
- 4.5 MOISTURE RESISTANCE: IP67 (MATED CONDITION)
- 4.6 MATING CYCLE DURABILITY: 100 CYCLES
- 4.7 RoHS COMPLIANT

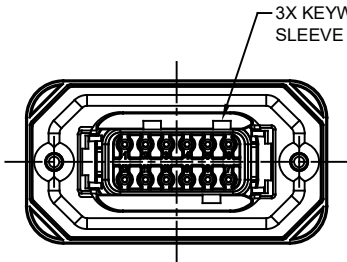
5. MATING PART: ATM06-12SX-*
(X = A,B,C,D KEYS ; * = MODIFICATIONS AND COLORS)

$\triangle$ 6. SEE SHEET 2 FOR OTHER KEY ARRANGEMENTS AND COLORS

7. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY

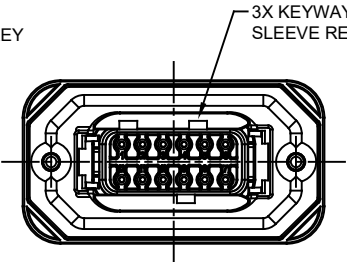
8. POTTED CONNECTORS SPECIFIED FOR UP TO 5 P.S.I. APPLICATIONS.

REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE NEW DRAWING	15JUN18	SULLEN	TOMMY
A2	-	REVISED DRAWING	10JUL20	JHEAD	DH



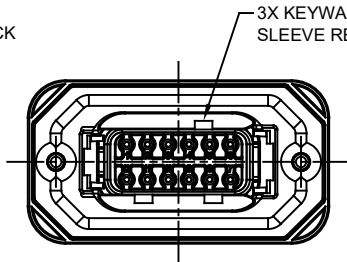
ATM15-12PA-BMXX
KEY A

ATM15-12PA-BMXX VARIANTS		
CONTACT PLATING	POTTING OR NOT IN RESERVOIR	PART NUMBER
GOLD	NO POTTING	ATM15-12PA-BM01
GOLD	POTTING	ATM15-12PA-BM02
TIN	NO POTTING	ATM15-12PA-BM03
TIN	POTTING	ATM15-12PA-BM04



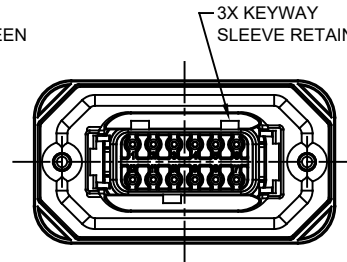
ATM15-12PB-BMXX
KEY B

ATM15-12PB-BMXX VARIANTS		
CONTACT PLATING	POTTING OR NOT IN RESERVOIR	PART NUMBER
GOLD	NO POTTING	ATM15-12PB-BM01
GOLD	POTTING	ATM15-12PB-BM02
TIN	NO POTTING	ATM15-12PB-BM03
TIN	POTTING	ATM15-12PB-BM04



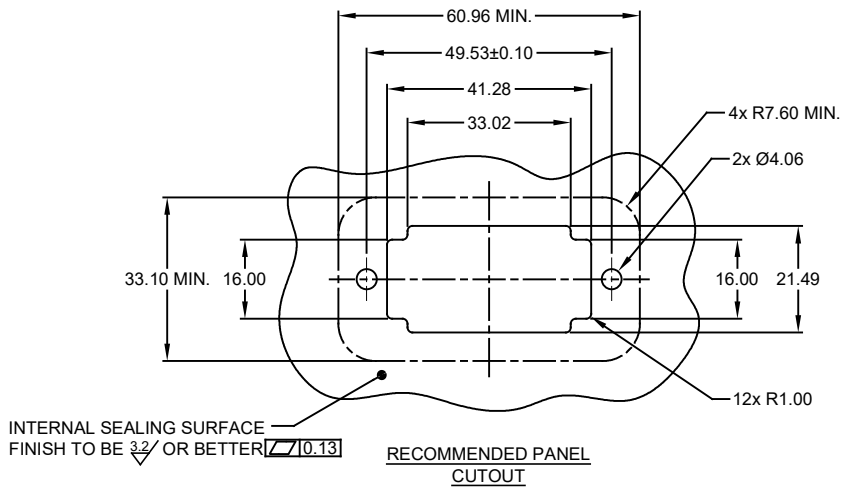
ATM15-12PC-BMXX
KEY C

ATM15-12PC-BMXX VARIANTS		
CONTACT PLATING	POTTING OR NOT IN RESERVOIR	PART NUMBER
GOLD	NO POTTING	ATM15-12PC-BM01
GOLD	POTTING	ATM15-12PC-BM02
TIN	NO POTTING	ATM15-12PC-BM03
TIN	POTTING	ATM15-12PC-BM04



ATM15-12PD-BMXX
KEY D

ATM15-12PD-BMXX VARIANTS		
CONTACT PLATING	POTTING OR NOT IN RESERVOIR	PART NUMBER
GOLD	NO POTTING	ATM15-12PD-BM01
GOLD	POTTING	ATM15-12PD-BM02
TIN	NO POTTING	ATM15-12PD-BM03
TIN	POTTING	ATM15-12PD-BM04



ATM15-12PX-BMXX		DESCRIPTION		ITEM
PART NUMBER				
QUANTITY	MATERIALS LIST			
UNLESS OTHERWISE SPECIFIED: 1) All dimensions are in metric(mm). 2) Tolerances are as follows: 1 PL DEC ±0.30 1 Fractions ±1/64 2 PL DEC ±0.15 Angles ±1° 3 PL DEC ±0.08 3) Note reference =		Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036		
SIGNATURES DATE DRAWN: SULEN.ZHANG 15JUN18 CHECKED: ORION.LI 15JUN18 ENGINEER: APPROVAL: TOMMY.XIE 15JUN18		BOARDLOCK PCB MOUNT RECEPTACLE, 12 PIN, STRAIGHT FLANGE, ATM SERIES		
MATERIAL SPECIFICATIONS:		CUSTOMER:		
PROCESS SPECIFICATIONS:		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.		
NEXT ASSY:		SCALE: NONE		
		SIZE: B	TYPE: C-	REVISION: A2
		SHEET 2 OF 2		

TITLE: PCB MOUNT RECEPTACLE, 12PIN, STRAIGHT FLANGE, ATM SERIES
DWG NO: ATM15-12PX-BMXX
REV: A2
SH: 2
OF: 2

Mouser Electronics

Authorized Distributor

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

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[ATM15-12PA-BM01](#)