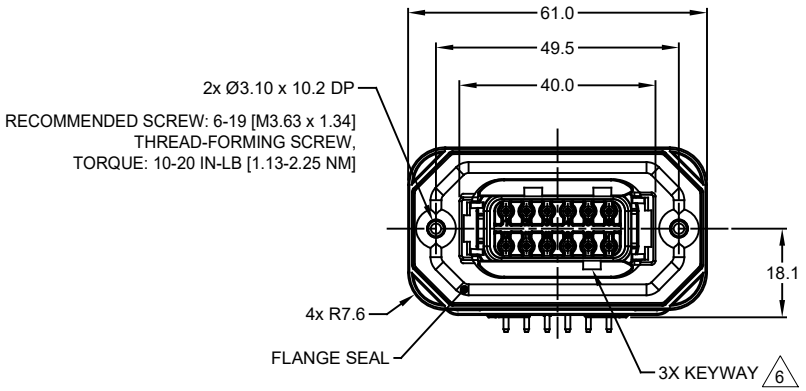
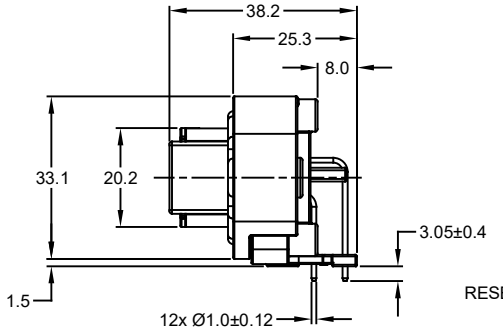
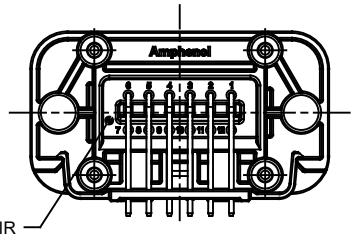
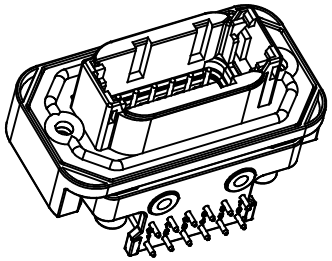
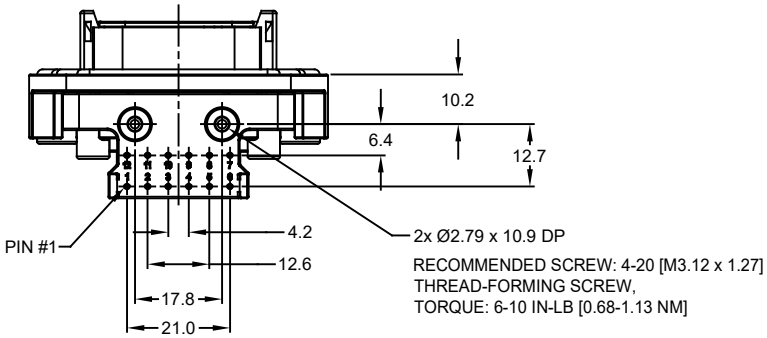
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE NEW DRAWING	15JUN18	SULLEN	TOMMY
A2	-	REVISED DRAWING	10JUL20	JHEAD	DH

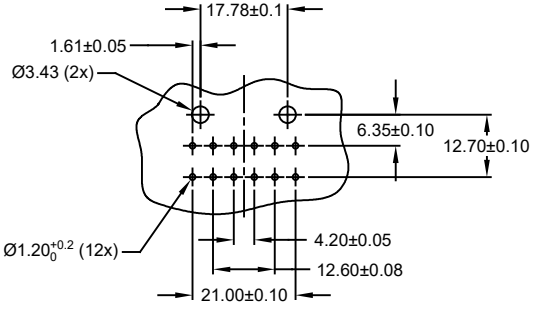












RECOMMENDED PCB LAYOUT
VIEW FROM COMPONENTS
SIDE OF PCB

NOTES: UNLESS OTHERWISE SPECIFIED

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

2. CONTACT PLATING: SEE SHEET 2

3. MODIFICATIONS: FLANGE; RA PCB MOUNT

4. 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)

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.

	ATM13-12PX-BMXX	DTM13-12PA, DTM13-12PB, DTM13-12PC, DTM13-12PD, DTM13-12PA-G003, DTM13-12PB-G003, DTM13-12PC-G003, DTM13-12PD-G003	
	PART NUMBER	DESCRIPTION	ITEM
QUANTITY	MATERIALS LIST		

UNLESS OTHERWISE SPECIFIED
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 PL DEC ±0.08
3) Note reference = X

MATERIAL SPECIFICATIONS:

PROCESS SPECIFICATIONS:

NEXT ASS'Y:

SIGNATURES		DATE
DRAWN:	SULLEN.ZHANG	15JUN18
CHECKED:	ORION.LI	15JUN18
ENGINEER:		
APPROVAL:	TOMMY.XIE	15JUN18
CUSTOMER:		

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Amphenol

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

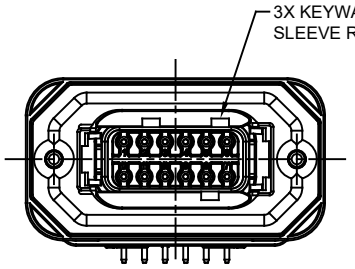
BOARDLOCK PCB MOUNT RECEPTACLE,
12 PIN, RA FLANGE, ATM SERIES

SIZE	TYPE	DWG NO:	REVISION
B	C-	ATM13-12PX-BMXX	A2

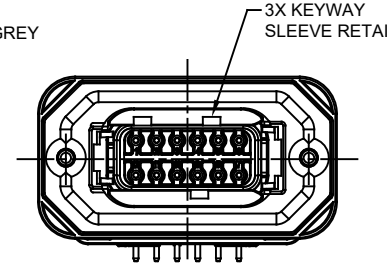
SCALE: NONE SHEET 1 OF 2

TITLE: PCB MOUNT RECEPTACLE, 12PIN, RA FLANGE, ATM SERIES
DWG NO: ATM13-12PX-BMXX
REV: A2
SH: 1
OF: 2

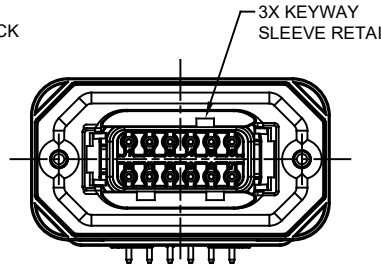
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE NEW DRAWING	15JUN18	SULLEN	TOMMY
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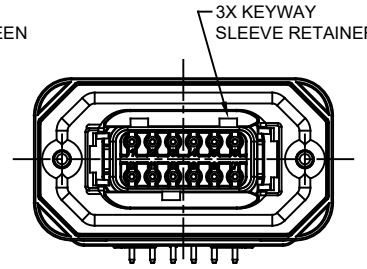
ATM13-12PA-BMXX
KEY A



ATM13-12PB-BMXX
KEY B



ATM13-12PC-BMXX
KEY C



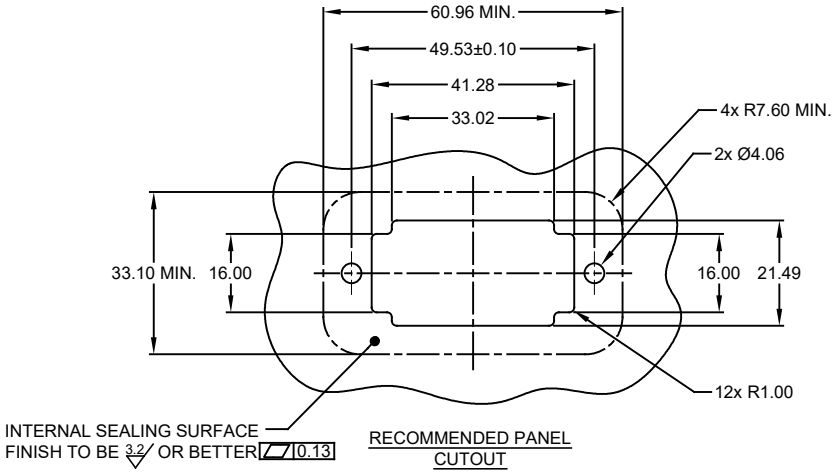
ATM13-12PD-BMXX
KEY D

ATM13-12PA-BMXX VARIANTS		
CONTACT PLATING	POTTING OR NOT IN RESERVOIR	PART NUMBER
GOLD	NO POTTING	ATM13-12PA-BM01
GOLD	POTTING	ATM13-12PA-BM02
TIN	NO POTTING	ATM13-12PA-BM03
TIN	POTTING	ATM13-12PA-BM04

ATM13-12PB-BMXX VARIANTS		
CONTACT PLATING	POTTING OR NOT IN RESERVOIR	PART NUMBER
GOLD	NO POTTING	ATM13-12PB-BM01
GOLD	POTTING	ATM13-12PB-BM02
TIN	NO POTTING	ATM13-12PB-BM03
TIN	POTTING	ATM13-12PB-BM04

ATM13-12PC-BMXX VARIANTS		
CONTACT PLATING	POTTING OR NOT IN RESERVOIR	PART NUMBER
GOLD	NO POTTING	ATM13-12PC-BM01
GOLD	POTTING	ATM13-12PC-BM02
TIN	NO POTTING	ATM13-12PC-BM03
TIN	POTTING	ATM13-12PC-BM04

ATM13-12PD-BMXX VARIANTS		
CONTACT PLATING	POTTING OR NOT IN RESERVOIR	PART NUMBER
GOLD	NO POTTING	ATM13-12PD-BM01
GOLD	POTTING	ATM13-12PD-BM02
TIN	NO POTTING	ATM13-12PD-BM03
TIN	POTTING	ATM13-12PD-BM04



ATM13-12PX-BMXX		
PART NUMBER	DESCRIPTION	ITEM
QUANTITY	MATERIALS LIST	

UNLESS OTHERWISE SPECIFIED
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2) Tolerances are as follows:
1 PL DEC ±0.30
2 PL DEC ±0.15
3 PL DEC ±0.08
Fractions ±1/64
Angles ±1°
3) Note reference = A

MATERIAL SPECIFICATIONS:

PROCESS SPECIFICATIONS:

NEXT ASS'Y:

SIGNATURES		DATE
DRAWN:	SULLEN.ZHANG	15JUN18
CHECKED:	ORION.LI	15JUN18
ENGINEER:		
APPROVAL:	TOMMY.XIE	15JUN18
CUSTOMER:		

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BOARDLOCK PCB MOUNT RECEPTACLE,
12 PIN, RA FLANGE, ATM SERIES

SIZE	TYPE	DWG NO:	REVISION
B	C-	ATM13-12PX-BMXX	A2

SCALE NONE SHEET 2 OF 2

TITLE: PCB MOUNT RECEPTACLE, 12PIN, RA FLANGE, ATM SERIES
DWG NO: ATM13-12PX-BMXX
REV: A2
SH: 2
OF: 2