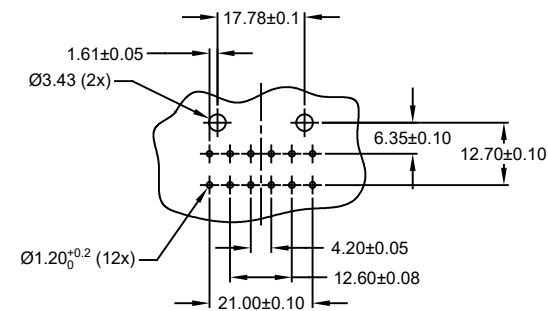
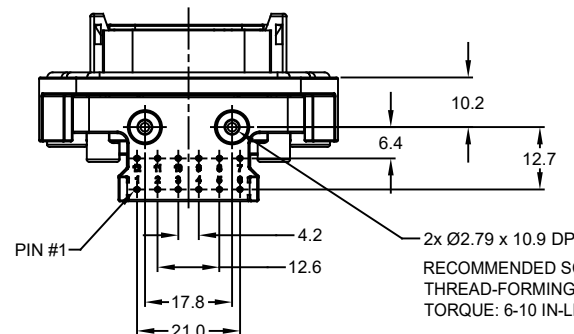
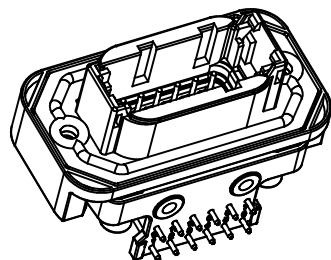
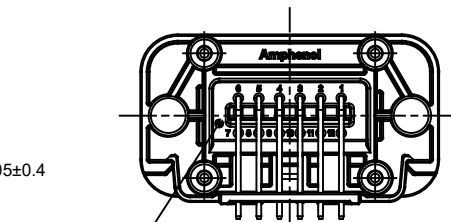
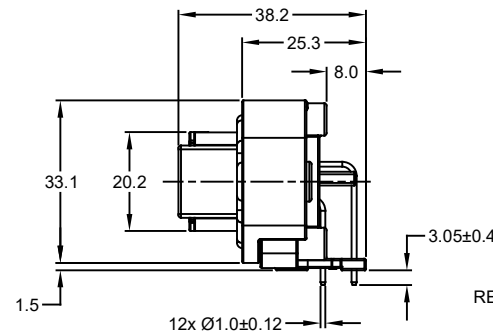
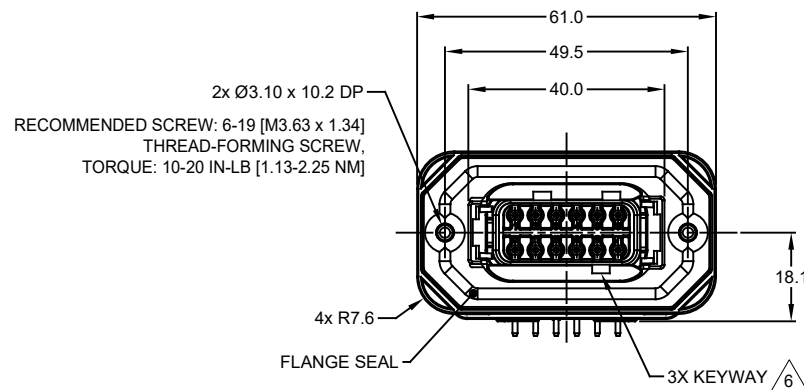


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE NEW DRAWING	15JUN18	SULLEN	TOMMY
A2	-	REVISED DRAWING	10JUL20	JHEAD	DH



RECOMMENDED PCB LAYOUT
VIEW FROM COMPONENTS
SIDE OF PCB

NOTES: UNLESS OTHERWISE SPECIFIED

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

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

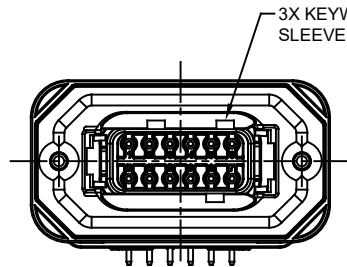
SEE SHEET 2 FOR OTHER KEY ARRANGEMENTS AND COLORS

- ALL DIMENSIONS ARE FOR REFERENCE USE ONLY

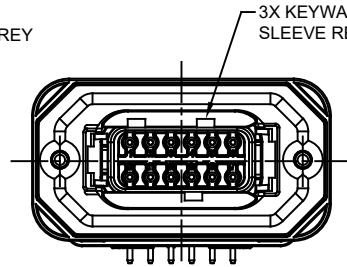
- POTTED CONNECTORS SPECIFIED FOR UP TO 5 P.S.I. APPLICATIONS.

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	
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) Note reference =		SIGNATURES DATE DRAWN: SULEN.ZHANG 15JUN18 CHECKED: ORION.LI 15JUN18 ENGINEER: APPROVAL: TOMMY.XIE 15JUN18 CUSTOMER: MATERIAL SPECIFICATIONS: PROCESS SPECIFICATIONS: NEXT ASSY:	
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.		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 B C-		DWG NO: ATM13-12PX-BMXX	
SCALE: NONE		REVISION A2	
		SHEET 1 OF 2	

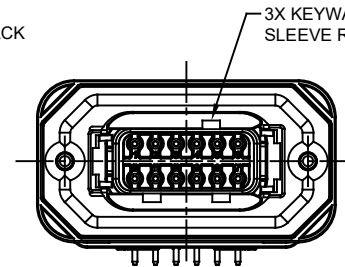
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE NEW DRAWING	15JUN18	SULLEN	TOMMY
A2	-	REVISED DRAWING	10JUL20	JHEAD	DH



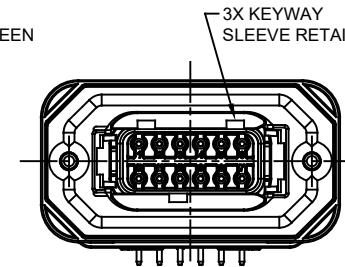
ATM13-12PA-BMXX
KEY A



ATM13-12PB-BMXX
KEY B



ATM13-12PC-BMXX
KEY C



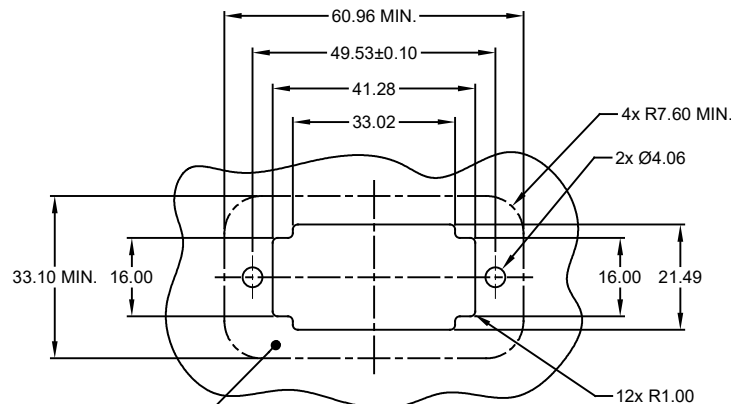
ATM13-12PD-BMXX
KEY D

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



INTERNAL SEALING SURFACE
FINISH TO BE 3.2/ OR BETTER $\sqrt{10.13}$
RECOMMENDED PANEL
CUTOUT

ATM13-12PX-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 Fractions ±1/64 2 PL DEC ±0.15 Angles ±1° 3 PL DEC ±0.08 3) Note reference = Δ		SIGNATURES	DATE	
		DRAWN: SULEN.ZHANG	15JUN18	
		CHECKED: ORION.LI	15JUN18	
		ENGINEER:		
MATERIAL SPECIFICATIONS:		APPROVAL: TOMMY.XIE	15JUN18	
PROCESS SPECIFICATIONS:		CUSTOMER:		
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		SIZE: B	TYPE: C-	DWG NO: ATM13-12PX-BMXX
		SCALE: NONE		REVISION: A2
		SHEET 2 OF 2		

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[ATM13-12PA-BM02](#)