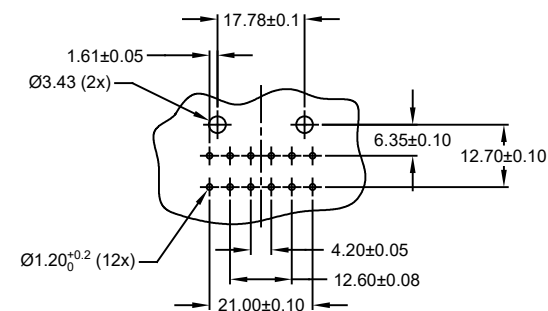
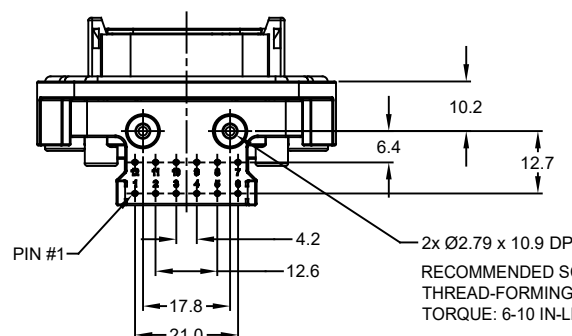
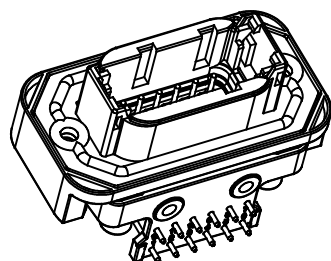
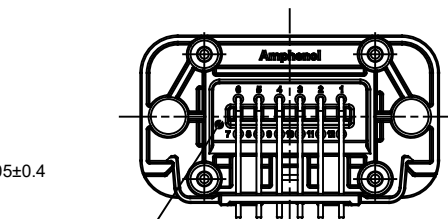
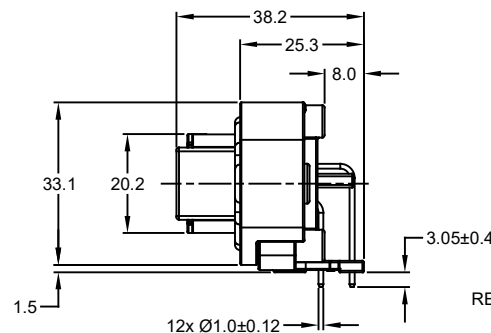
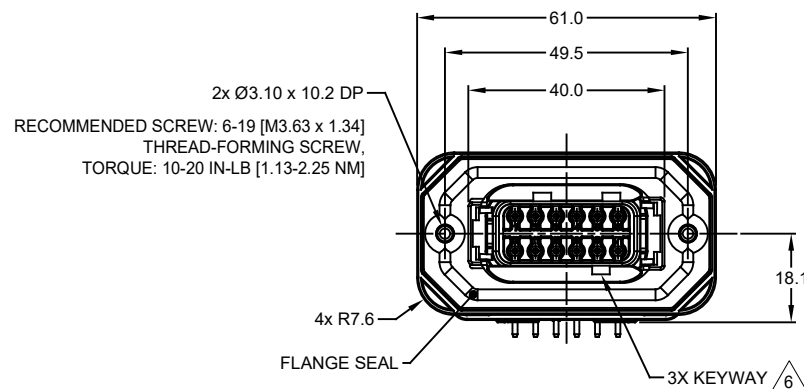


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE NEW DRAWING	15JUN18	SULLEN	TOMMY
A2	-	REVISED DRAWING	10JUL20	JHEAD	DH



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		SIGNATURES	
1) All dimensions are in metric (mm).		DRAWN: SULEN.ZHANG	
2) Tolerances are as follows:		CHECKED: ORION LI	
1 PL DEC ±0.30		FRACTIONS ±1/64	
2 PL DEC ±0.15		ANGLES ±1°	
3 PL DEC ±0.08		3) Note reference =	
MATERIAL SPECIFICATIONS:		APPROVAL: TOMMY.XIE	
PROCESS SPECIFICATIONS:		CUSTOMER:	
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.	
SIZE		TYPE	
B		C-	
SCALE		NONE	
DWG NO:		ATM13-12PX-BMXX	
REVISION		A2	
SHEET		1 OF 2	

TITLE: PCB MOUNT RECEPTACLE, 12PIN, RA FLANGE, ATM SERIES

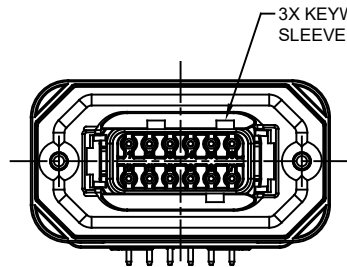
DWG NO: ATM13-12PX-BMXX

REV: A2

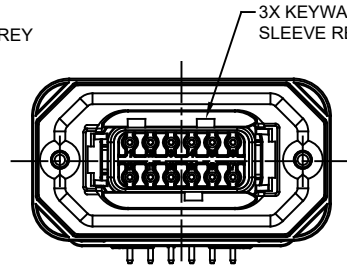
SH: 1

OF: 2

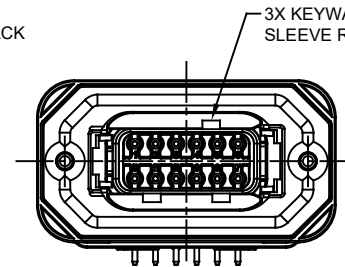
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE NEW DRAWING	15JUN18	SULLEN	TOMMY
A2	-	REVISED DRAWING	10JUL20	JHEAD	DH



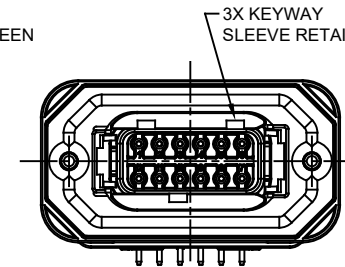
ATM13-12PA-BMXX
KEY A



ATM13-12PB-BMXX
KEY B



ATM13-12PC-BMXX
KEY C



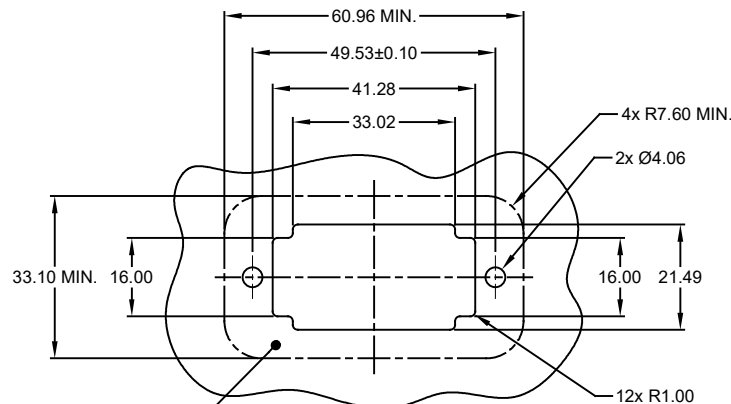
ATM13-12PD-BMXX
KEY D

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

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		SIGNATURES DRAWN: SULEN.ZHANG CHECKED: ORION.LI ENGINEER: APPROVAL: TOMMY.XIE CUSTOMER:		
DATE 15JUN18 15JUN18		DATE 15JUN18		
MATERIAL 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.		
PROCESS SPECIFICATIONS:		SCALE: NONE		
NEXT ASSY:		SHEET 2 OF 2		

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 REVISION: A2

Mouser Electronics

Authorized Distributor

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

[Amphenol:](#)

[ATM13-12PC-BM01](#)