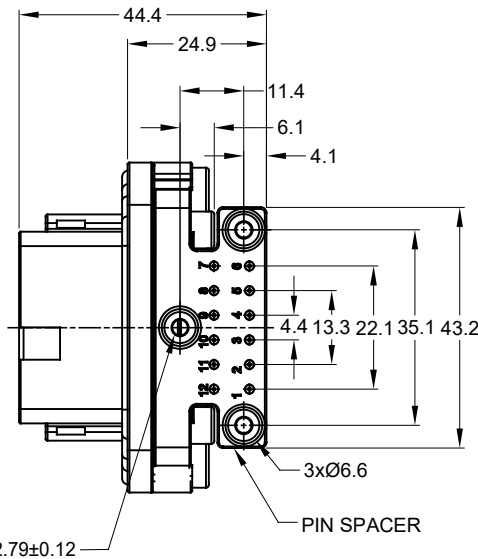
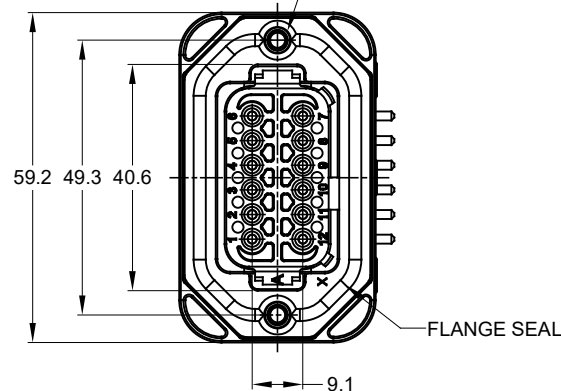
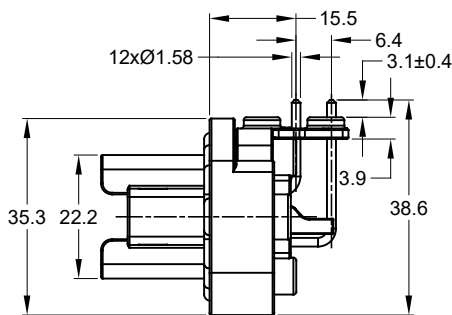


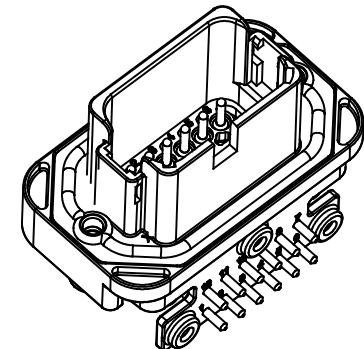
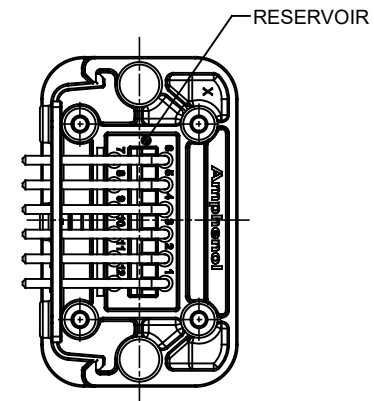
2xØ3.10±0.12x11.18 DP
RECOMMENDED SCREW: 6-19 [M3.63 x 1.34]
THREAD-FORMING SCREW,
TORQUE: 11-15 IN-LB [1.24-1.70 NM]



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



REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	--	RELEASE NEW DRAWING	14/DEC/18	BROOK	TOMMY
A2	--	REVISED DRAWING	10JUL20	JHEAD	DH



NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL:

HOUSING: THERMOPLASTIC
SEAL: SILICONE RUBBER
CONTACT: COPPER ALLOY

2. MODIFICATIONS: FLANGE, PCB MOUNT, RIGHT ANGLE,
EXTENDED LENGTH SHROUD

3. SPECIFICATIONS:

- 3.1 CURRENT RATING: 13 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

4. MATING PART: AT06-12S* PLUG (* = MODIFICATIONS)

5. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

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

		AT13-12PX-BM1X		REF: DT13-12PA-B016, DT13-12PB-B016, DT13-12PC-B016, DT13-12PD-B016	
		PART NUMBER		DESCRIPTION	
QUANTITY		MATERIALS LIST			
UNLESS OTHERWISE SPECIFIED		SIGNATURES		DATE	
1) All dimensions are in metric(mm).		DRAWN: BROOK DING		14/DEC/18	
2) Tolerances are as follows:		CHECKED: GRIONLI		14/DEC/18	
1 PL DEC ±0.30		ENGINEER:			
2 PL DEC ±0.15		APPROVAL: TOMMY XIE		14/DEC/18	
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:		Amphenol			
PROCESS SPECIFICATIONS:		Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036			
NEXT ASSY:		BOARDLOCK PCB MOUNT RECEPTACLE, 12 PIN, RA FLANGE, EXT. LGTH, AT SERIES			
		SIZE:	TYPE:	DWG NO:	
		B	C-	AT13-12PX-BM1X	
		SCALE:	NONE		REVISION:
				SHEET	1 OF 3

TITLE: PCB MNT RECEPT, 12PIN, RA FLANGE, EXT LGTH, AT SERIES

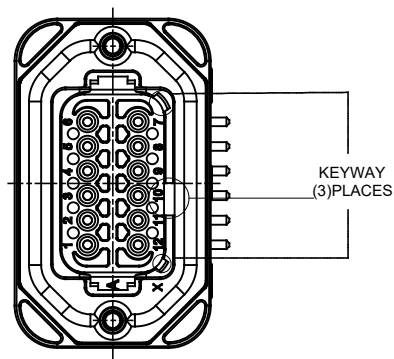
DWG NO: AT13-12PX-BM1X

REV: A2

SH: 1

OF: 3

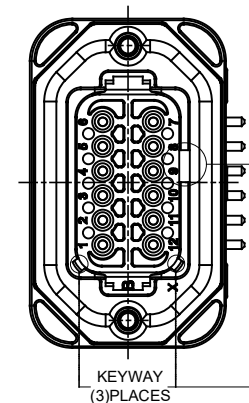
P/N AT13-12PA-BM1X
KEY-A CONFIGURATION
STANDARD COLOR: GREY



AT13-12PA-BMXX VARIANTS		
CONTACT PLATING	POTTING OR NOT IN RESERVOIR	PART NUMBER
TIN	NO POTTING	AT13-12PA-BM16
TIN	POTTING	AT13-12PA-BM17
GOLD	NO POTTING	AT13-12PA-BM18
GOLD	POTTING	AT13-12PA-BM19

REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	--	RELEASE NEW DRAWING	14/DEC/18	BROOK	TOMMY
A2	--	REVISED DRAWING	10JUL20	JHEAD	DH

P/N AT13-12PB-BM1X
KEY-B CONFIGURATION
STANDARD COLOR: BLACK

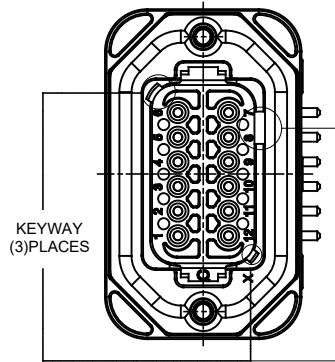


AT13-12PB-BMXX VARIANTS		
CONTACT PLATING	POTTING OR NOT IN RESERVOIR	PART NUMBER
TIN	NO POTTING	AT13-12PB-BM16
TIN	POTTING	AT13-12PB-BM17
GOLD	NO POTTING	AT13-12PB-BM18
GOLD	POTTING	AT13-12PB-BM19

AT13-12PX-BM1X			
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 2 PL DEC ±0.15 3 PL DEC ±0.08 3) Note reference =		SIGNATURES DRAWN: BROOK DING CHECKED: ORION LI ENGINEER: APPROVAL: TOMMY XIE CUSTOMER: 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.	DATE 14/DEC/18 14/DEC/18 14/DEC/18 14/DEC/18
MATERIAL SPECIFICATIONS:		Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036	
PROCESS SPECIFICATIONS:		BOARDLOCK PCB MOUNT RECEPTACLE, 12 PIN, RA FLANGE, EXT. LGTH, AT SERIES	
NEXT ASSY:		SIZE B C-	DWG NO. AT13-12PX-BM1X REVISION A2
		SCALE NONE	SHEET 2 OF 3

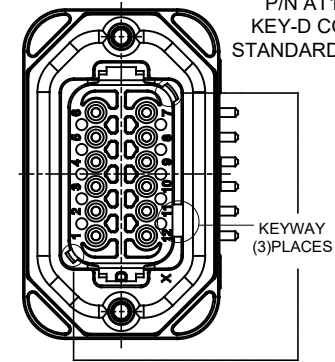
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	--	RELEASE NEW DRAWING	14/DEC/18	BROOK	TOMMY
A2	--	REVISED DRAWING	10JUL20	JHEAD	DH

P/N AT13-12PC-BM1X
KEY-C CONFIGURATION
STANDARD COLOR: GREEN

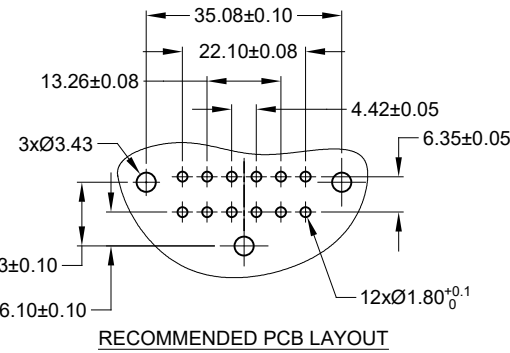
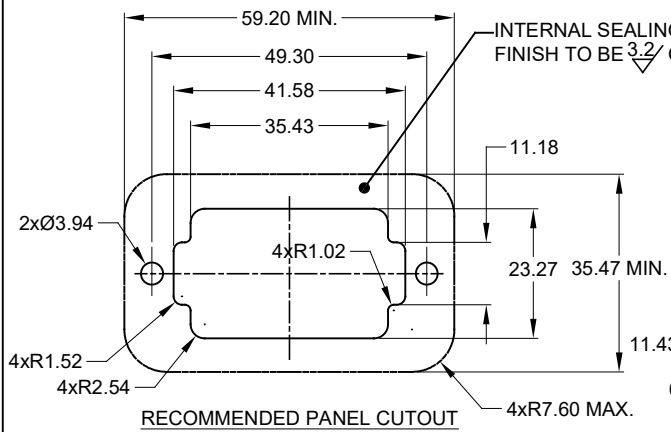


AT13-12PC-BMXX VARIANTS		
CONTACT PLATING	POTTING OR NOT IN RESERVOIR	PART NUMBER
TIN	NO POTTING	AT13-12PC-BM16
TIN	POTTING	AT13-12PC-BM17
GOLD	NO POTTING	AT13-12PC-BM18
GOLD	POTTING	AT13-12PC-BM19

P/N AT13-12PD-BM1X
KEY-D CONFIGURATION
STANDARD COLOR: BROWN



AT13-12PD-BMXX VARIANTS		
CONTACT PLATING	POTTING OR NOT IN RESERVOIR	PART NUMBER
TIN	NO POTTING	AT13-12PD-BM16
TIN	POTTING	AT13-12PD-BM17
GOLD	NO POTTING	AT13-12PD-BM18
GOLD	POTTING	AT13-12PD-BM19



AT13-12PX-BM1X					
PART NUMBER		DESCRIPTION			ITEM
MATERIALS LIST					
UNLESS OTHERWISE SPECIFIED		SIGNATURES		DATE	
1) All dimensions are in metric (mm).		DRAWN: BROOK DING		14/DEC/18	
2) Tolerances are as follows:		CHECKED: ORION LI		14/DEC/18	
1 PL DEC ±0.30		ENGINEER:			
2 PL DEC ±0.15		APPROVAL: TOMMY XIE		14/DEC/18	
3 PL DEC ±0.08					
3) Note reference = 					
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:					
		SIZE: B C-		DWG NO. AT13-12PX-BM1X	
		SCALE: NONE		REVISION A2	
				SHEET 3 OF 3	

Mouser Electronics

Authorized Distributor

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[Amphenol:](#)

[AT13-12PD-BM17](#)