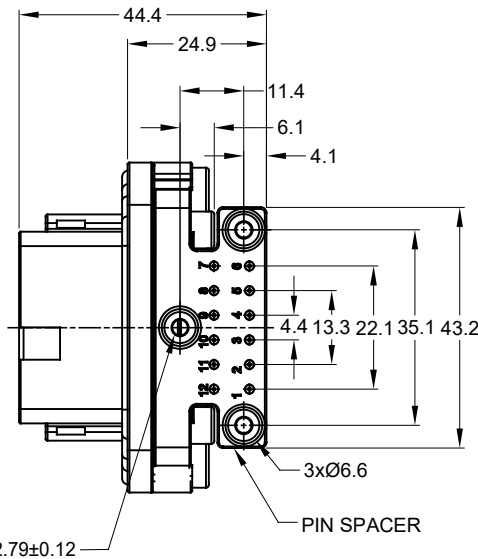
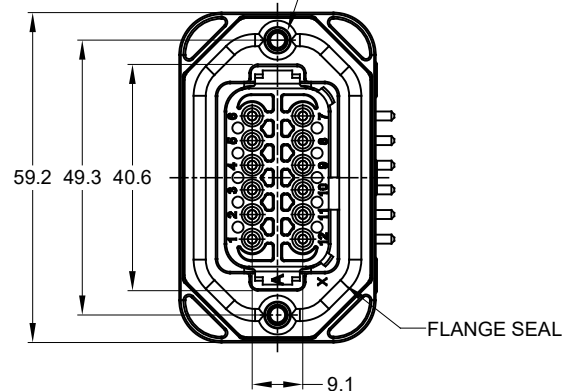
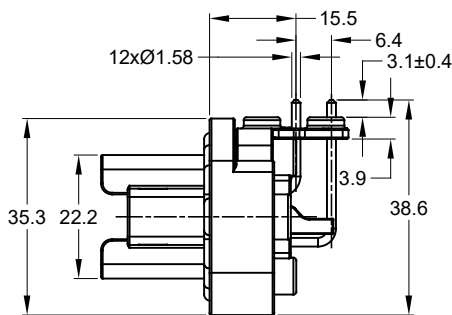


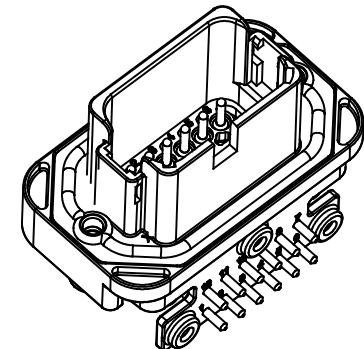
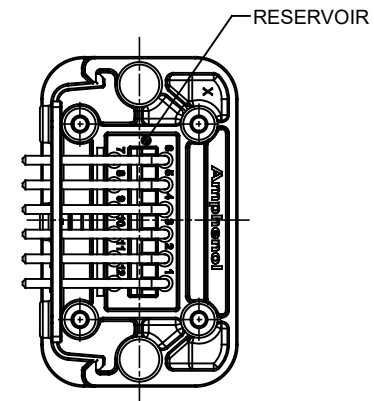
2xØ3.10±0.12x11.18 DP
RECOMMENDED SCREW: 6-19 [M3.63 x 1.34]
THREAD-FORMING SCREW,
TORQUE: 11-15 IN-LB [1.24-1.70 NM]



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)

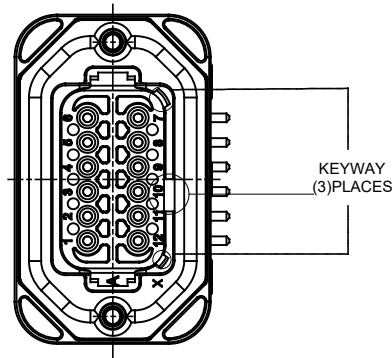
5. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

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		ITEM	
MATERIALS LIST			
UNLESS OTHERWISE SPECIFIED		SIGNATURES	
1) All dimensions are in metric (mm).		DATE	
2) Tolerances are as follows:		DRAWN: BROOK DING	
1 PL DEC ±0.30		14/DEC/18	
2 PL DEC ±0.15		CHECKED: ORION LI	
3 PL DEC ±0.08		14/DEC/18	
3) Note reference =		ENGINEER:	
△		APPROVAL: TOMMY XIE	
MATERIAL SPECIFICATIONS:		14/DEC/18	
		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	
		REVISION: A2	
		SCALE: NONE	
		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

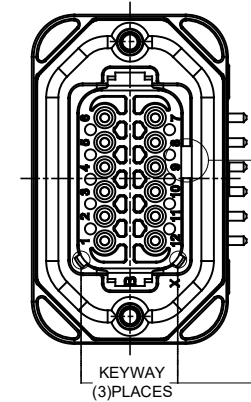
P/N AT13-12PA-BM1X
KEY-A CONFIGURATION
STANDARD COLOR: GREY



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

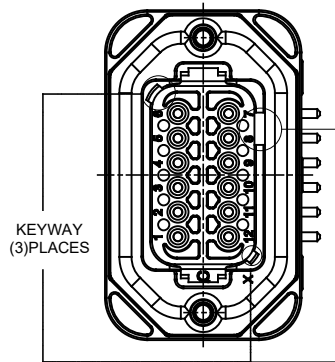


AT13-12PB-BMXX VARIANTS		
CONTACT PLATING	POTTING OR NOT IN RESERVOIR	PART NUMBER
TIN	NO POTTING	AT13-12PB-BM16
TIN	POTTING	AT13-12PB-BM17
GOLD	NO POTTING	AT13-12PB-BM18
GOLD	POTTING	AT13-12PB-BM19

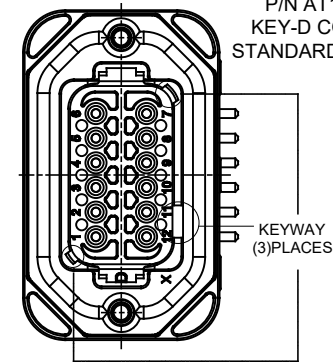
AT13-12PX-BM1X			
PART NUMBER		DESCRIPTION	ITEM
QUANTITY	MATERIALS LIST		
UNLESS OTHERWISE SPECIFIED: 1) All dimensions are in metric (mm). 2) Tolerances are as follows: 1 PL DEC ±0.30 2 PL DEC ±0.15 3 PL DEC ±0.08 3) Note reference =		SIGNATURES DRAWN: BROOK DING CHECKED: ORION LI ENGINEER: APPROVAL: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

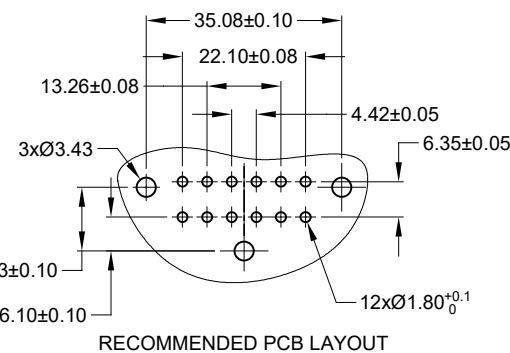
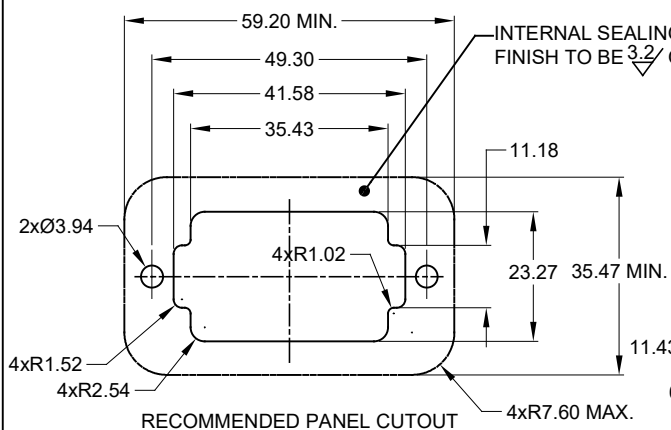


P/N AT13-12PD-BM1X
KEY-D CONFIGURATION
STANDARD COLOR: BROWN



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

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



5

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		DATE	
		DRAWN: BROOK DING		14/DEC/18	
		CHECKED: ORION LI		14/DEC/18	
		ENGINEER:			
		APPROVAL: TOMMY XIE		14/DEC/18	
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		TYPE	
		B C-		DWG NO.	
				AT13-12PX-BM1X	
		SCALE		NONE	
				SHEET 3 OF 3	
				REVISION	
				A2	

TITLE PCB MNT RECEPT 12PIN RA FLANGE EXT LGTH AT SERIES
DWG NO. AT13-12PX-BM1X
REV A2
SH 3
OF 3

Mouser Electronics

Authorized Distributor

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

[Amphenol:](#)

[AT13-12PA-BM17](#)