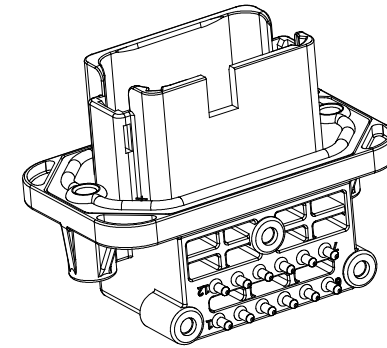
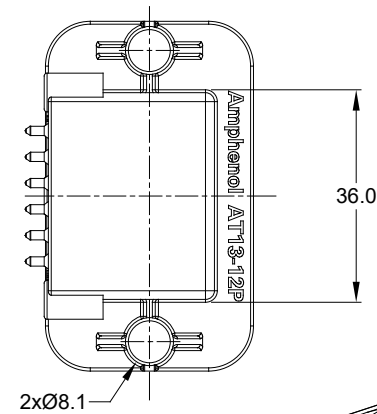
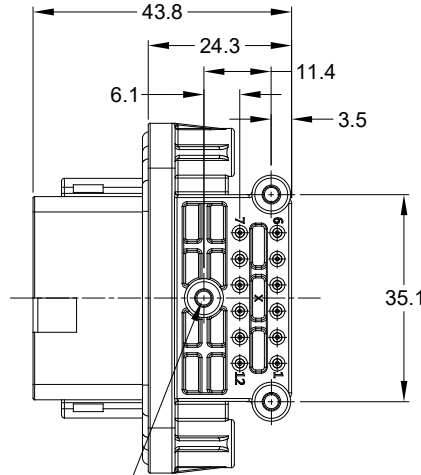
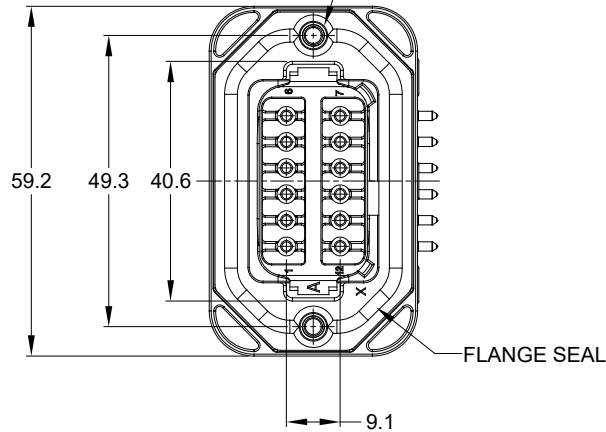


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	--	RELEASE	10MAY19	BROOK	TOMMY

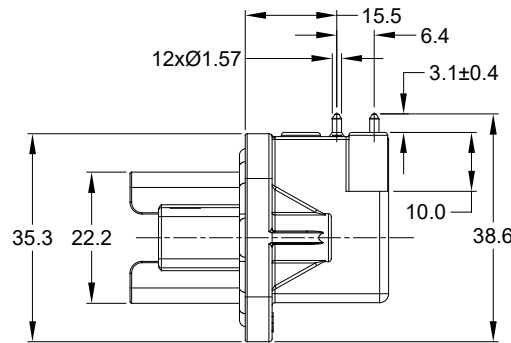
2xØ3.10±0.12x11.18 DP
 RECOMMENDED SCREW: 6-19 [M3.63 x 1.34]
 THREAD-FORMING SCREW,
 TORQUE: 11-15 IN-LB [1.24-1.70 NM]



NOTES: UNLESS OTHERWISE SPECIFIED

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

- MATERIAL:
 HOUSING: THERMOPLASTIC
 SEAL: SILICONE RUBBER
 CONTACT: COPPER ALLOY
- MODIFICATIONS: FLANGE, PCB MOUNT, RIGHT ANGLE
- 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
- MATING PART: AT06-12S* PLUG
 (* = MODIFICATIONS)
- ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

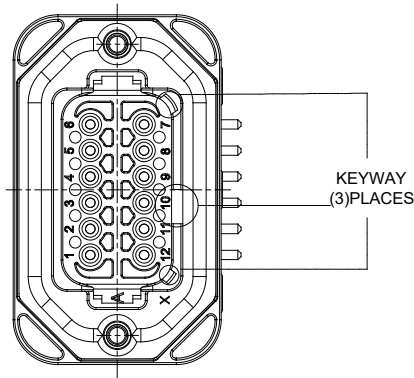


AT13-12PX-BMXXCP		PART NUMBER		DESCRIPTION		ITEM																																																
<table border="1"> <thead> <tr> <th>QUANTITY</th> <th colspan="6">MATERIALS LIST</th> </tr> </thead> <tbody> <tr> <td rowspan="3">UNLESS OTHERWISE SPECIFIED 1) All dimensions are in metric(mm). 2) Tolerances are as follows: 1 PL DEC ±0.30 Fractions ±1/64 Angles ±1° 2 PL DEC ±0.15 3 PL DEC ±0.08 3) Note reference = </td> <td colspan="2">SIGNATURES</td> <td colspan="2">DATE</td> <td colspan="2" rowspan="3"> <div style="text-align: center;"> <h1>Amphenol</h1> <p>Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036</p> </div> </td> </tr> <tr> <td colspan="2">DRAWN: BROOK DING</td> <td colspan="2">10MAY19</td> </tr> <tr> <td colspan="2">CHECKED: ORION LI</td> <td colspan="2">10MAY19</td> </tr> <tr> <td colspan="2">APPROVAL: TOMMY XIE</td> <td colspan="2">10MAY19</td> <td colspan="2">CUSTOMER:</td> <td rowspan="3"> BOARDLOCK PCB MOUNT RECEPT, 12PIN RA FLANGE, AT SERIES, COVERED REAR PINS </td> </tr> <tr> <td colspan="2">MATERIAL SPECIFICATIONS:</td> <td colspan="2">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.</td> <td colspan="2">SCALE: NONE</td> </tr> <tr> <td colspan="2">PROCESS SPECIFICATIONS:</td> <td colspan="2">NEXT ASSY:</td> <td colspan="2"> SIZE: B C- TYPE: C DWG NO: AT13-12PX-BMXXCP REVISION: A1 </td> </tr> <tr> <td colspan="2">SCALE: NONE</td> <td colspan="2">SHEET 1 OF 3</td> <td colspan="2"></td> <td></td> </tr> </tbody> </table>							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 Angles ±1° 2 PL DEC ±0.15 3 PL DEC ±0.08 3) Note reference =	SIGNATURES		DATE		<div style="text-align: center;"> <h1>Amphenol</h1> <p>Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036</p> </div>		DRAWN: BROOK DING		10MAY19		CHECKED: ORION LI		10MAY19		APPROVAL: TOMMY XIE		10MAY19		CUSTOMER:		BOARDLOCK PCB MOUNT RECEPT, 12PIN RA FLANGE, AT SERIES, COVERED REAR PINS	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.		SCALE: NONE		PROCESS SPECIFICATIONS:		NEXT ASSY:		SIZE: B C- TYPE: C DWG NO: AT13-12PX-BMXXCP REVISION: A1		SCALE: NONE		SHEET 1 OF 3				
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SCALE: NONE		SHEET 1 OF 3																																																				

TITLE: BOARDLOCK PCB MOUNT RECEPT, 12PIN, RA FLANGE, AT COVERED REAR PINS
 DWG NO.: AT13-12PX-BMXXCP
 REV: A1
 SH: 1
 OF: 3

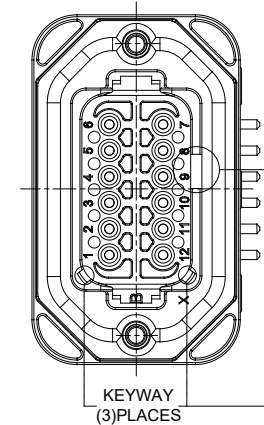
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	--	RELEASE	14/DEC/18	BROOK	TOMMY

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



AT13-12PA-BMXXCP VARIANTS	
CONTACT PLATING	PART NUMBER
GOLD	AT13-12PA-BM20CP
TIN	AT13-12PA-BM21CP

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



AT13-12PB-BMXXCP VARIANTS	
CONTACT PLATING	PART NUMBER
GOLD	AT13-12PB-BM20CP
TIN	AT13-12PB-BM21CP

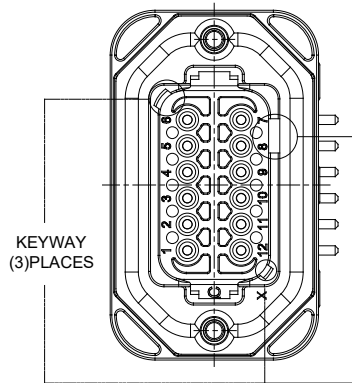
AT13-12PX-BMXXCP				
PART NUMBER		DESCRIPTION		ITEM
QUANTITY	MATERIALS LIST			
UNLESS OTHERWISE SPECIFIED 1) All dimensions are in metric(mm). 2) Tolerances are as follows: 1 PL DEC ±0.30 2 PL DEC ±0.15 3 PL DEC ±0.08 3) Note reference =	SIGNATURES	DATE	 Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036 BOARDLOCK PCB MOUNT RECEIPT, 12PIN RA FLANGE, AT SERIES, COVERED REAR PINS	
	DRAWN: BROOK DING	10MAY19		
	CHECKED: ORION LI	10MAY19		
	ENGINEER:		SIZE: B C-	TYPE: C-
	APPROVAL: TOMMY XIE	10MAY19	DWG NO.:	AT13-12PX-BMXXCP
MATERIAL SPECIFICATIONS:	CUSTOMER:		SCALE: NONE	REVISION: A1
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NEXT ASSY:				

TITLE: BOARDLOCK PCB MOUNT RECEIPT, 12PIN RA FLANGE, AT COVERED REAR PINS
DWG NO.: AT13-12PX-BMXXCP
REV: A1
SH: 2
OF: 3

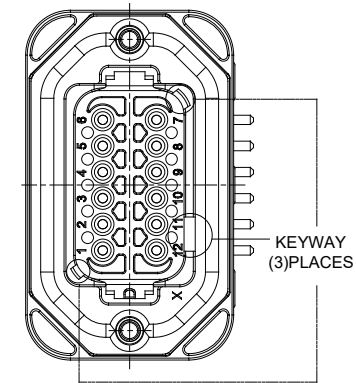
REVISIONS

REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE	14/DEC/18	BROOK	TOMMY

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



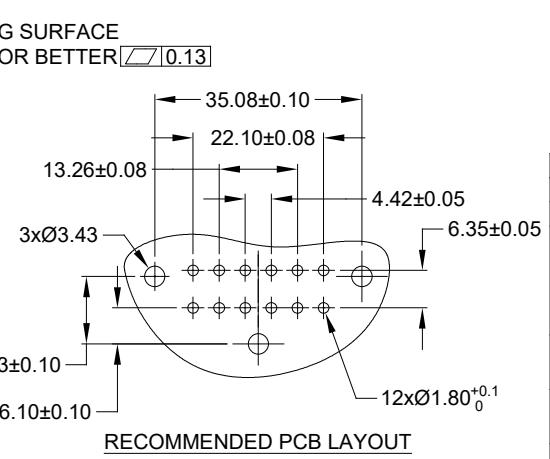
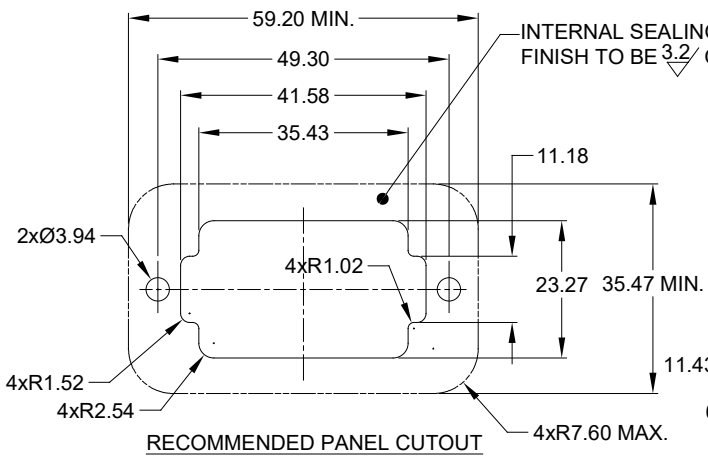
P/N AT13-12PD-BMXXCP
KEY-D CONFIGURATION
STANDARD COLOR: BROWN



AT13-12PC-BMXXCP VARIANTS	
CONTACT PLATING	PART NUMBER
GOLD	AT13-12PC-BM20CP
TIN	AT13-12PC-BM21CP

AT13-12PD-BMXXCP VARIANTS	
CONTACT PLATING	PART NUMBER
GOLD	AT13-12PD-BM20CP
TIN	AT13-12PD-BM21CP

TITLE: BOARDLOCK PCB MOUNT RECEPT, 12PIN, RA FLANGE, AT SERIES, COVERED REAR PINS DWG NO: AT13-12PX-BMXXCP REV: A1 SH: 3 OF: 3



AT13-12PX-BMXXCP		DESCRIPTION		ITEM
QUANTITY	PART NUMBER	MATERIALS LIST		
<p>UNLESS OTHERWISE SPECIFIED</p> <p>1) All dimensions are in metric (mm).</p> <p>2) Tolerances are as follows:</p> <p>1 PL DEC ±0.30 Fractions ±1/64</p> <p>2 PL DEC ±0.15 Angles ±1°</p> <p>3 PL DEC ±0.08</p> <p>3) Note reference = Δ</p>				
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NEXT ASSY:		SCALE: NONE		
		SIZE: B C-	DWG NO: AT13-12PX-BMXXCP	REVISION: A1
		SINE SYSTEMS - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036		SHEET 3 OF 3

BOARDLOCK PCB MOUNT RECEPT, 12PIN RA FLANGE, AT SERIES, COVERED REAR PINS

Amphenol

SINE SYSTEMS - www.amphenol-sine.com
44724 Morley Drive
Clinton Township, MI 48036

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SCALE: NONE

SIZE: B C- DWG NO: AT13-12PX-BMXXCP REVISION: A1

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44724 Morley Drive
Clinton Township, MI 48036

SHEET 3 OF 3