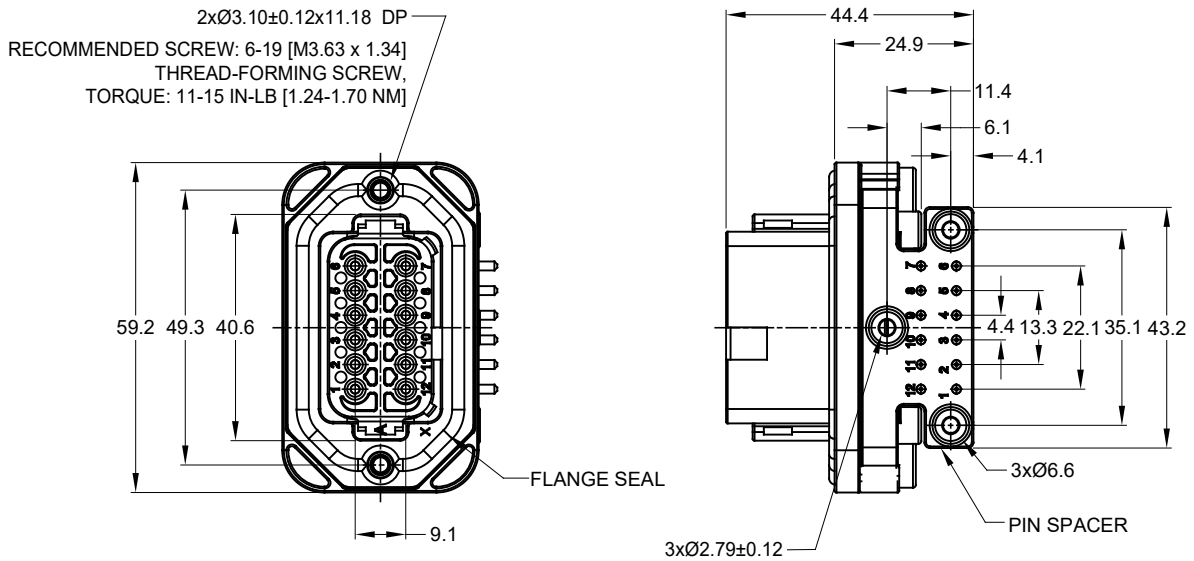
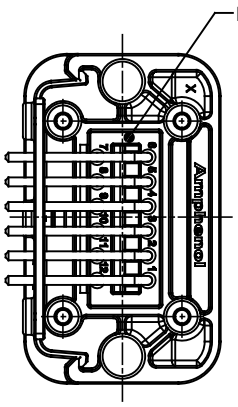
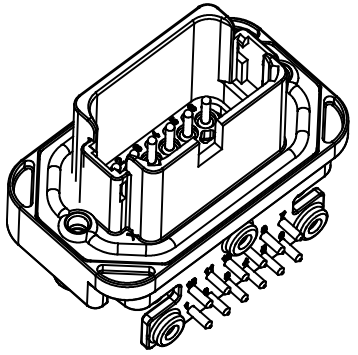
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	--	RELEASE NEW DRAWING	14/DEC/18	BROOK	TOMMY
A2	--	REVISED DRAWING	10JUL20	JHEAD	DH







NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL:
   HOUSING: THERMOPLASTIC
   SEAL:SILICONE RUBBER
   CONTACT: COPPER ALLOY

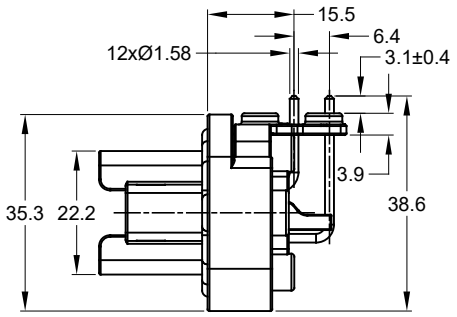
2. MODIFICATIONS: FLANGE,PCB MOUNT,RIGHT ANGLE,
   EXTENDED LENGTH SHROUD

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	ITEM
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 = X

MATERIAL SPECIFICATIONS:

PROCESS SPECIFICATIONS:

NEXT ASSY:

SIGNATURES		DATE
DRAWN:	BROOK.DING	14/DEC/18
CHECKED:	ORION.LI	14/DEC/18
ENGINEER:		
APPROVAL:	TOMMY.XIE	14/DEC/18
CUSTOMER:		

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Amphenol
Sine Systems - www.amphenol-sine.com
44724 Morley Drive
Clinton Township, MI 48036

BOARDLOCK PCB MOUNT RECEPTACLE,
12 PIN, RA FLANGE, EXT. LGTH, AT SERIES

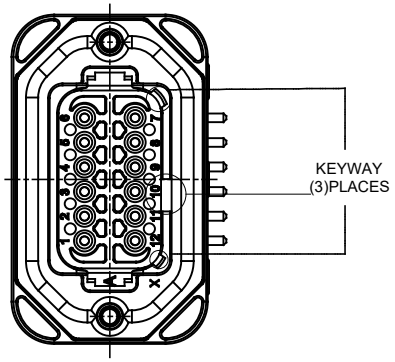
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B	C-	AT13-12PX-BM1X	A2

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

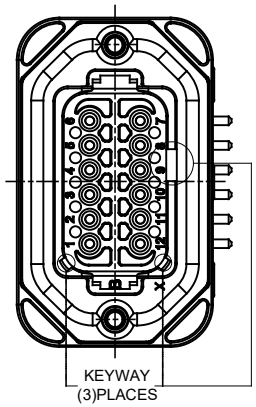
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	--	RELEASE NEW DRAWING	14/DEC/18	BROOK	TOMMY
A2	--	REVISED DRAWING	10JUL20	JHEAD	DH

P/N AT13-12PA-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

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 | Fractions ±1/64
2 PL DEC ±0.15 | Angles ±1°
3 PL DEC ±0.08
3) Note reference = X

MATERIAL SPECIFICATIONS:

PROCESS SPECIFICATIONS:

NEXT ASS'Y:

SIGNATURES		DATE
DRAWN:	BROOK.DING	14/DEC/18
CHECKED:	ORION.LI	14/DEC/18
ENGINEER:		
APPROVAL:	TOMMY.XIE	14/DEC/18
CUSTOMER:		

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Clinton Township, MI 48036

BOARDLOCK PCB MOUNT RECEPTACLE,
12 PIN, RA FLANGE, EXT. LGTH, AT SERIES

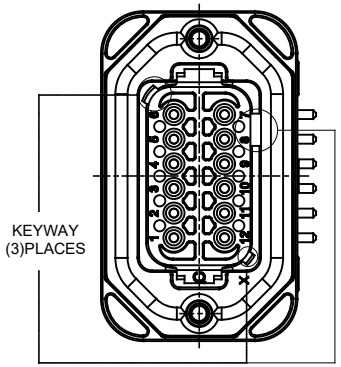
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B	C-	AT13-12PX-BM1X	A2

SCALE: NONE SHEET 2 OF 3

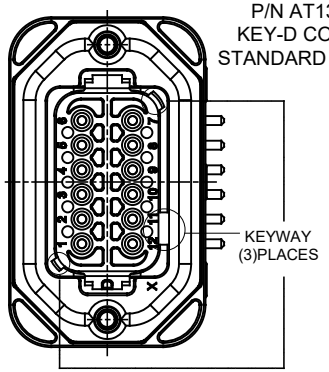
TITLE: PCB MNT RECEPT, 12PIN, RA FLANGE, EXT LGTH, AT SERIES
DWG NO: AT13-12PX-BM1X
REV: A2
SH: 2
OF: 3

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

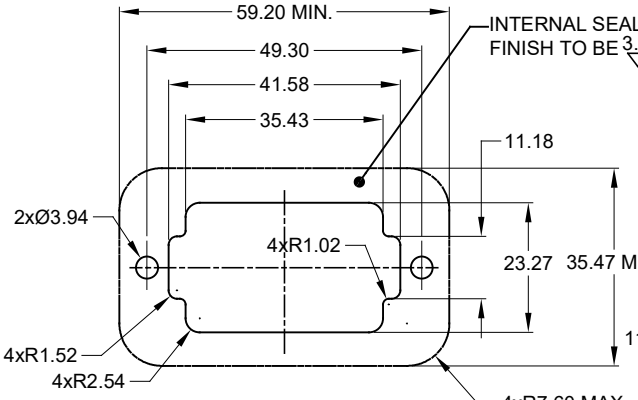


P/N AT13-12PD-BM1X
KEY-D CONFIGURATION
STANDARD COLOR: BROWN

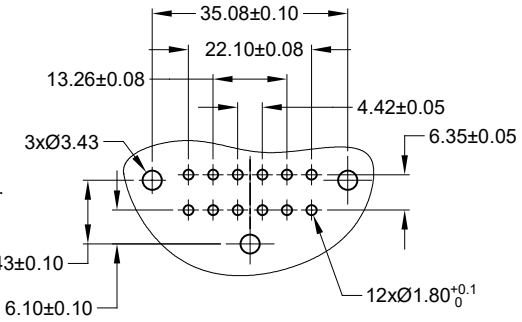


AT13-12PC-BMXX VARIANTS		
CONTACT PLATING	POTTING OR NOT IN RESERVOIR	PART NUMBER
TIN	NO POTTING	AT13-12PC-BM16
TIN	POTTING	AT13-12PC-BM17
GOLD	NO POTTING	AT13-12PC-BM18
GOLD	POTTING	AT13-12PC-BM19

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



RECOMMENDED PANEL CUTOUT



RECOMMENDED PCB LAYOUT

	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 | Fractions ±1/64
2 PL DEC ±0.15 | Angles ±1°
3 PL DEC ±0.08
3) Note reference = X

MATERIAL SPECIFICATIONS:

PROCESS SPECIFICATIONS:

NEXT ASS'Y:

SIGNATURES		DATE
DRAWN:	BROOK.DING	14/DEC/18
CHECKED:	ORION.LI	14/DEC/18
ENGINEER:		
APPROVAL:	TOMMY.XIE	14/DEC/18
CUSTOMER:		

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BOARDLOCK PCB MOUNT RECEPTACLE,
12 PIN, RA FLANGE, EXT. LGTH, AT SERIES

SIZE	TYPE	DWG NO:	REVISION
B	C-	AT13-12PX-BM1X	A2

SCALE: NONE SHEET 3 OF 3

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

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