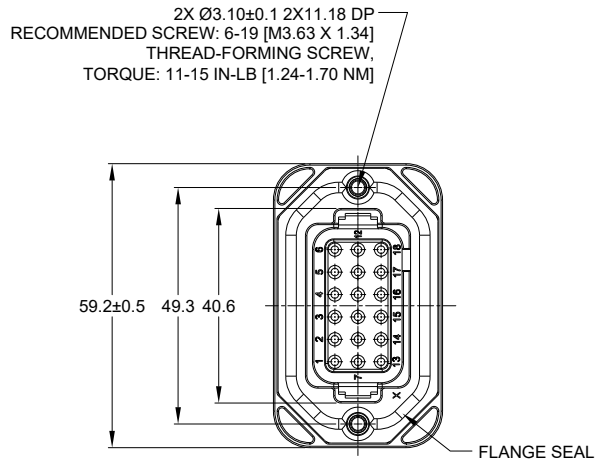
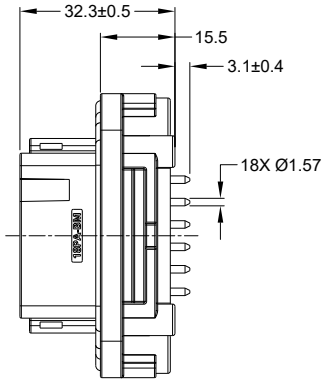
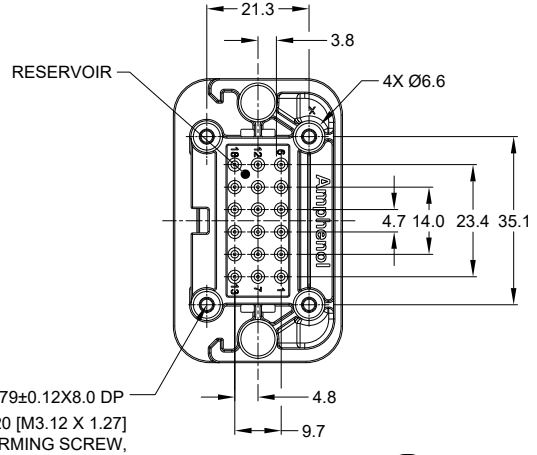
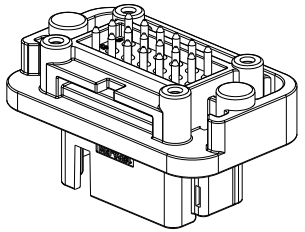
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	--	RELEASE NEW PRODUCT	19AUG20	ZENIN	TOMMY
A2	--	UPDATE THE PART NUMBERS AND IP RATING	08OCT21	ZENIN	TOMMY









NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL:
   HOUSING: THERMOPLASTIC; COLOR: SEE P/N CHART
   SEAL:SILICONE RUBBER
   CONTACT: COPPER ALLOY

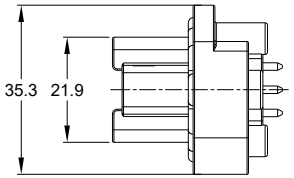
2. MODIFICATIONS: FLANGE,PCB MOUNT,STRAIGHT

3. SPECIFICATIONS:
   3.1 CURRENT RATING: 13AMPS
   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:
   IP68(1M OF WATER FOR A PERIOD OF 24 HOURS , MATED CONDITION)
   IP69K(MATED CONDITION)
   3.6 MATING CYCLE DURABILITY: 100 CYCLES
   3.7 RoHS COMPLIANT

4. MATING PART: AT16-18S* PLUG
   (* = MODIFICATIONS)

5. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

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



	SEE P/N CHART		
	PART NUMBER	DESCRIPTION	ITEM
QUANTITY	MATERIALS LIST		

UNLESS OTHERWISE SPECIFIED
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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:	ZENIN.DENG	08OCT21
CHECKED:	ORION.LI	09OCT21
ENGINEER:		
APPROVAL:	TOMMY.XIE	10OCT21
CUSTOMER:		

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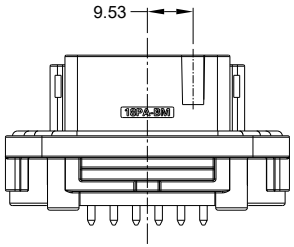
BOARDLOCK PCB MOUNT RECEPTACLE,18PIN
STRAIGHT,AT SERIES

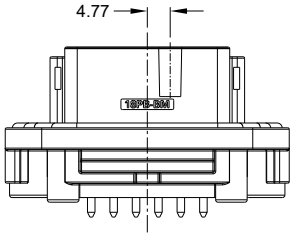
SIZE	TYPE	DWG NO:	REVISION
B	C-	AT15-18PX-BMXXXX	A2

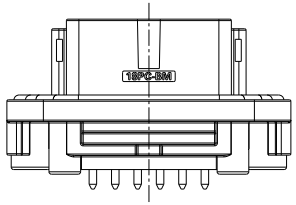
SCALE: NONE SHEET 1 OF 3

TITLE: BOARDLOCK PCB MOUNT RECEPTACLE,18PIN,STRAIGHT,AT SERIES
DWG NO: AT15-18PX-BMXXXX
REV: A2
SH: 1
OF: 3

REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	--	RELEASE NEW PRODUCT	19AUG20	ZENIN	TOMMY
A2	--	UPDATE THE PART NUMBERS AND IP RATING	08OCT21	ZENIN	TOMMY



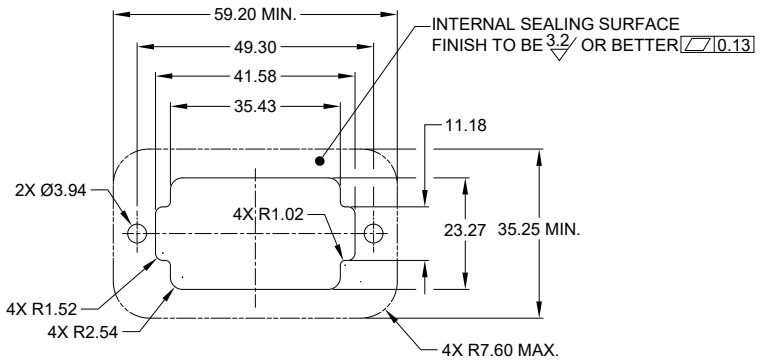




A KEY P/N CHART			
CONTACT PLATING	COLOR OF HOUSING	POTTING OR NOT IN RESERVOIR	PART NUMBER
GOLD	GRAY	NO POTTING	AT15-18PA-BM01GY
GOLD	BLACK	NO POTTING	AT15-18PA-BM01BK
GOLD	GRAY	POTTING	AT15-18PA-BM02GY
GOLD	BLACK	POTTING	AT15-18PA-BM02BK
TIN	GRAY	NO POTTING	AT15-18PA-BM03GY
TIN	BLACK	NO POTTING	AT15-18PA-BM03BK
TIN	GRAY	POTTING	AT15-18PA-BM04GY
TIN	BLACK	POTTING	AT15-18PA-BM04BK

B KEY P/N CHART			
CONTACT PLATING	COLOR OF HOUSING	POTTING OR NOT IN RESERVOIR	PART NUMBER
GOLD	BLACK	NO POTTING	AT15-18PB-BM01BK
GOLD	BLACK	POTTING	AT15-18PB-BM02BK
TIN	BLACK	NO POTTING	AT15-18PB-BM03BK
TIN	BLACK	POTTING	AT15-18PB-BM04BK

C KEY P/N CHART			
CONTACT PLATING	COLOR OF HOUSING	POTTING OR NOT IN RESERVOIR	PART NUMBER
GOLD	GREEN	NO POTTING	AT15-18PC-BM01GN
GOLD	BLACK	NO POTTING	AT15-18PC-BM01BK
GOLD	GREEN	POTTING	AT15-18PC-BM02GN
GOLD	BLACK	POTTING	AT15-18PC-BM02BK
TIN	GREEN	NO POTTING	AT15-18PC-BM03GN
TIN	BLACK	NO POTTING	AT15-18PC-BM03BK
TIN	GREEN	POTTING	AT15-18PC-BM04GN
TIN	BLACK	POTTING	AT15-18PC-BM04BK



RECOMMENDED PANEL CUTOUT

	SEE P/N CHART		
	PART NUMBER	DESCRIPTION	ITEM
QUANTITY	MATERIALS LIST		

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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:	ZENIN.DENG	08OCT21
CHECKED:	ORION.LI	09OCT21
ENGINEER:		
APPROVAL:	TOMMY.XIE	10OCT21
CUSTOMER:		

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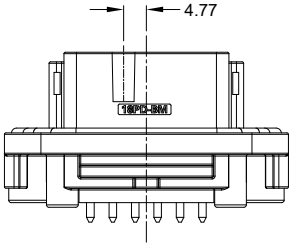
BOARDLOCK PCB MOUNT RECEPTACLE,18PIN STRAIGHT,AT SERIES

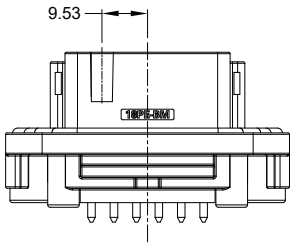
SIZE	TYPE	DWG NO:	REVISION
B	C-	AT15-18PX-BMXXXX	A2

SCALE: NONE SHEET 2 OF 3

TITLE: BOARDLOCK PCB MOUNT RECEPTACLE,18PIN,STRAIGHT,AT SERIES
DWG NO: AT15-18PX-BMXXXX
REV: A2
SH: 2
OF: 3

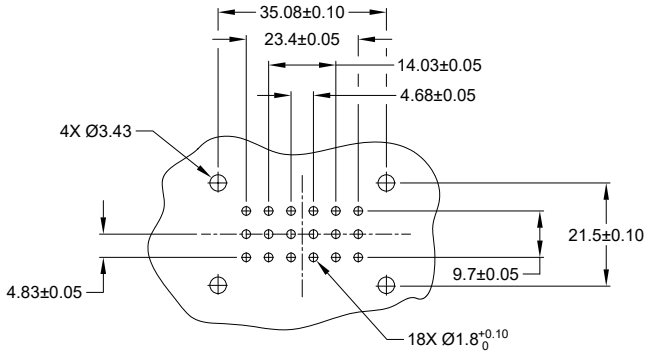
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	--	RELEASE NEW PRODUCT	19AUG20	ZENIN	TOMMY
A2	--	UPDATE THE PART NUMBERS AND IP RATING	08OCT21	ZENIN	TOMMY





D KEY P/N CHART			
CONTACT PLATING	COLOR OF HOUSING	POTTING OR NOT IN RESERVOIR	PART NUMBER
GOLD	BROWN	NO POTTING	AT15-18PD-BM01BN
GOLD	BLACK	NO POTTING	AT15-18PD-BM01BK
GOLD	BROWN	POTTING	AT15-18PC-BM02BN
GOLD	BLACK	POTTING	AT15-18PD-BM02BK
TIN	BROWN	NO POTTING	AT15-18PD-BM03BN
TIN	BLACK	NO POTTING	AT15-18PD-BM03BK
TIN	BROWN	POTTING	AT15-18PD-BM04BN
TIN	BLACK	POTTING	AT15-18PD-BM04BK

E KEY P/N CHART			
CONTACT PLATING	COLOR OF HOUSING	POTTING OR NOT IN RESERVOIR	PART NUMBER
GOLD	GRAY	NO POTTING	AT15-18PE-BM01GY
GOLD	BLACK	NO POTTING	AT15-18PE-BM01BK
GOLD	GRAY	POTTING	AT15-18PE-BM02GY
GOLD	BLACK	POTTING	AT15-18PE-BM02BK
TIN	GRAY	NO POTTING	AT15-18PE-BM03GY
TIN	BLACK	NO POTTING	AT15-18PE-BM03BK
TIN	GRAY	POTTING	AT15-18PE-BM04GY
TIN	BLACK	POTTING	AT15-18PE-BM04BK



RECOMMENDED PCB LAYOUT

	SEE P/N CHART		
	PART NUMBER	DESCRIPTION	ITEM
QUANTITY	MATERIALS LIST		

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3 PL DEC ±0.08
3) Note reference = X

MATERIAL SPECIFICATIONS:

PROCESS SPECIFICATIONS:

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DRAWN:	ZENIN.DENG	08OCT21
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BOARDLOCK PCB MOUNT RECEPTACLE,18PIN STRAIGHT,AT SERIES

SIZE	TYPE	DWG NO:	REVISION
B	C-	AT15-18PX-BMXXXX	A2

SCALE: NONE SHEET 3 OF 3

TITLE: BOARDLOCK PCB MOUNT RECEPTACLE,18PIN,STRAIGHT,AT SERIES
DWG NO: AT15-18PX-BMXXXX
REV: A2
SH: 3
OF: 3

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