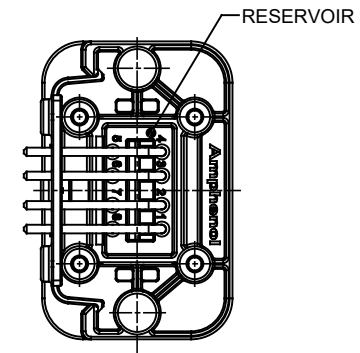
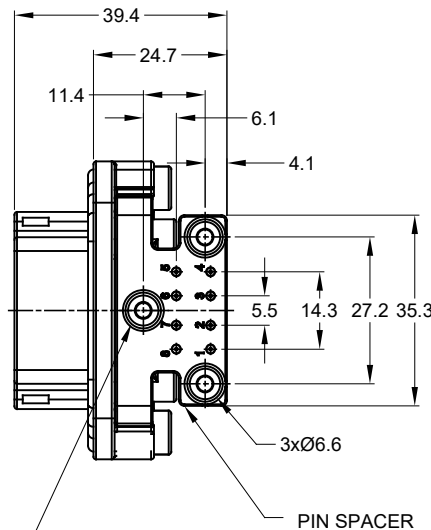
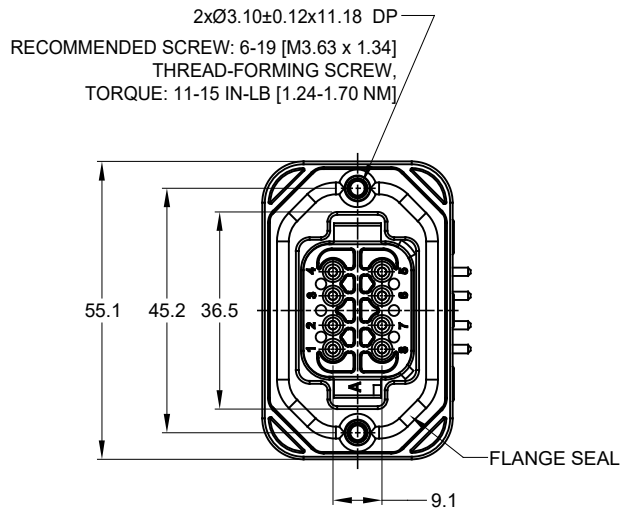
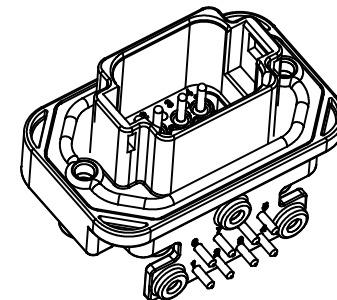
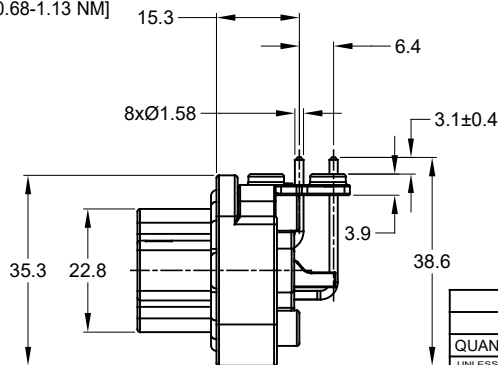




RECOMMENDED SCREW: 4-20 [M3.12 x 1.27]
THREAD-FORMING SCREW,
TORQUE: 6-10 IN-LB [0.68-1.13 NM]



NOTES: UNLESS OTHERWISE SPECIFIED

- 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: AT06-08S* PLUG
(* = MODIFICATIONS)
- ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.
- POTTED CONNECTORS SPECIFIED FOR UP TO 5 P.S.I. APPLICATIONS.

REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE NEW DRAWING	19JUN18	JONY	TOMMY
A2	-	REVISED DRAWING	10JUL20	JHEAD	DH

		AT13-08PX-BMXX		REF: DT13-08PA, DT13-08PB, DT13-08PC, DT13-08PD, DT13-08PA-G003, DT13-08PB-G003	
		PART NUMBER		DESCRIPTION	
QUANTITY		ITEM			
MATERIALS LIST					
UNLESS OTHERWISE SPECIFIED		SIGNATURES		DATE	
1) All dimensions are in metric(mm)		DRAWN: JONY.XIE		19JUN18	
2) Tolerances are as follows:		CHECKED: JONY.XIE		19JUN18	
1 PL DEC ±0.30					
2 PL DEC ±0.15					
3 PL DEC ±0.08					
3) Note reference = 		ENGINEER:			
MATERIAL SPECIFICATIONS:		APPROVAL: TOMMY.XIE		19JUN18	
PROCESS SPECIFICATIONS:		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.			
NEXT ASSY:		SIZE		DWG NO:	
		B C-		AT13-08PX-BMXX	
		SCALE: NONE		REVISION	
				A2	
				SHEET 1 OF 3	

TITLE: PCB MOUNT RECEPTACLE PIN, RA FLANGE AT SERIES

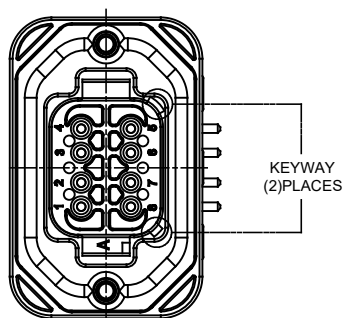
DWG NO: AT13-08PX-BMXX

REV: A2

SH: 1

OF: 3

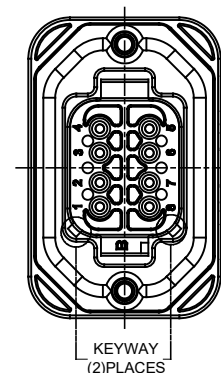
P/N AT13-08PA-BMXX
KEY-A CONFIGURATION
STANDARD COLOR: GREY



AT13-08PA-BMXX VARIANTS		
CONTACT PLATING	POTTING OR NOT IN RESERVOIR	PART NUMBER
GOLD	NO POTTING	AT13-08PA-BM01
GOLD	POTTING	AT13-08PA-BM02
TIN	NO POTTING	AT13-08PA-BM03
TIN	POTTING	AT13-08PA-BM04

REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	--	RELEASE NEW DRAWING	19JUN18	JONY	TOMMY
A2	--	REVISED DRAWING	10JUL20	JHEAD	DH

P/N AT13-08PB-BMXX
KEY-B CONFIGURATION
STANDARD COLOR: BLACK



AT13-08PB-BMXX VARIANTS		
CONTACT PLATING	POTTING OR NOT IN RESERVOIR	PART NUMBER
GOLD	NO POTTING	AT13-08PB-BM01
GOLD	POTTING	AT13-08PB-BM02
TIN	NO POTTING	AT13-08PB-BM03
TIN	POTTING	AT13-08PB-BM04

AT13-08PX-BMXX			
QUANTITY	PART NUMBER	DESCRIPTION	ITEM
UNLESS OTHERWISE SPECIFIED 1) All dimensions are in metric(mm). 2) Tolerances are as follows: 1 PL DEC ±0.30 1 Fractions ±1/64 2 PL DEC ±0.15 Angles ±1° 3 PL DEC ±0.08 3) Note reference =			
SIGNATURES		DATE	Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036 BOARDLOCK PCB MOUNT RECEPTACLE, 8 PIN, RA FLANGE, AT SERIES
DRAWN: JONY XIE		19JUN18	
CHECKED: ORION LI		19JUN18	
ENGINEER:			
APPROVAL: TOMMY XIE		19JUN18	
CUSTOMER:			
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.	
PROCESS SPECIFICATIONS:			
NEXT ASSY:			
SIZE	TYPE	DWG NO.	REVISION
B	C	AT13-08PX-BMXX	A2
SCALE	NONE	SHEET 2 OF 3	

TITLE: PCB MOUNT RECEPTACLE 8PIN RA FLANGE, AT SERIES
DWG NO.: AT13-08PX-BMXX
REV: A2
SH: 2
OF: 3

KEYWAY
(2) PLACES

AT13-08PC-BMXX VARIANTS		
CONTACT PLATING	POTTING OR NOT IN RESERVOIR	PART NUMBER
GOLD	NO POTTING	AT13-08PC-BM01
GOLD	POTTING	AT13-08PC-BM02
TIN	NO POTTING	AT13-08PC-BM03
TIN	POTTING	AT13-08PC-BM04

55.12 MIN.

INTERNAL S
FINISH TO B

4xR2.54

4xR1.78

2xØ3.94

35.47 MIN.

4xR1.02

23.77

12.19

4xR7.62 MAX.

28.07

37.47

45.21

RECOMMENDED PANEL CUTOUT

INTERNAL SEALING SURFACE
FINISH TO BE 3.2/ OR BETTER  0.13

RECOMMENDED PCB LAYOUT

The diagram shows a recommended PCB layout for the component. It includes the following dimensions and features:

- Overall width: 27.18 ± 0.10
- Overall height: 11.43 ± 0.10
- Distance from top edge to center of top row of holes: 5.45 ± 0.05
- Distance from bottom edge to center of bottom row of holes: 6.35 ± 0.05
- Distance from left edge to center of leftmost hole: 14.29 ± 0.08
- Distance from right edge to center of rightmost hole: 6.10 ± 0.10
- Hole diameter: $8 \times \varnothing 1.80^{+0.1}_0$
- Pad diameter: $3 \times \varnothing 3.43$

REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	--	RELEASE NEW DRAWING	19JUN18	JONY	TOMM
A2	--	REVISED DRAWING	10JUL20	JHEAD	DH

Diagram illustrating the rear view of the connector. The keyway is located on the right side of the connector, indicated by a line pointing to the text: KEYWAY (2) PLACES.

AT13-08PD-BMXX VARIANTS		
CONTACT PLATING	POTTING OR NOT IN RESERVOIR	PART NUMBER
GOLD	NO POTTING	AT13-08PD-BM0
GOLD	POTTING	AT13-08PD-BM0
TIN	NO POTTING	AT13-08PD-BM0
TIN	POTTING	AT13-08PD-BM0

		AT13-08PX-BMXX			
QUANTITY		PART NUMBER		DESCRIPTION	
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: JONY XIE 19JUN18 CHECKED: GRONLI 19JUN18 ENGINEER: APPROVAL: TOMMY XIE 19JUN18 CUSTOMER:		Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036	
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.		BOARDLOCK PCB MOUNT RECEPTACLE, 8 PIN, RA FLANGE, AT SERIES	
PROCESS SPECIFICATIONS:		SIZE: TYPE: DWG NO: B C- AT13-08PX-BMXX		REVISION: A	
NEXT ASSY:		SCALE: NONE		SHEET 3 OF 3	

TITLE: PCB MOUNT RECEPTACLE 98IN, RA-FLANGE AT SERIES	DWG NO: AT 13-08PX-BMXX	REV: A2	SH: 3	OF: 3
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Mouser Electronics

Authorized Distributor

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[AT13-08PB-BM02](#)