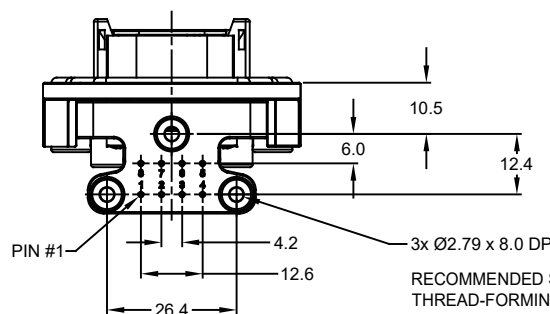
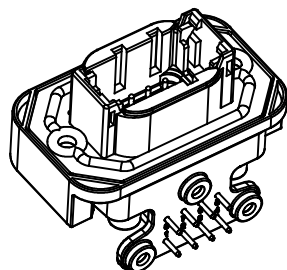
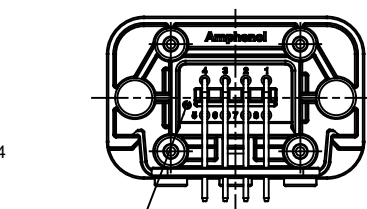
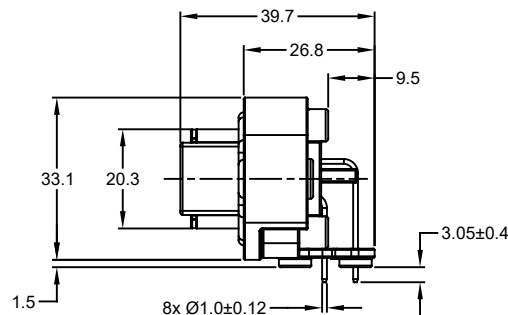
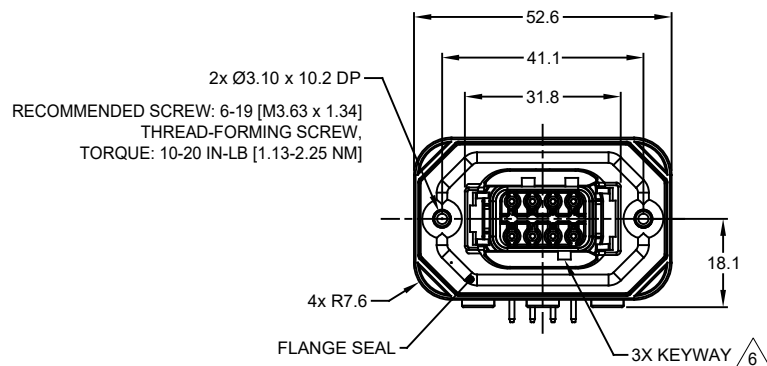
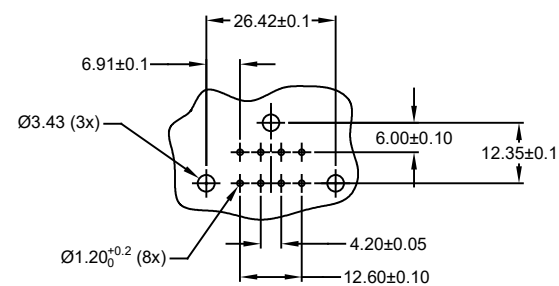


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE NEW DRAWING	15JUN18	SULLEN	TOMMY
A2	-	REVISED DRAWING	10JUL20	JHEAD	DH



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



RECOMMENDED PCB LAYOUT
VIEW FROM COMPONENTS
SIDE OF PCB

NOTES: UNLESS OTHERWISE SPECIFIED

- MATERIAL:
HOUSING: THERMOPLASTIC, GREY
SEAL: SILICONE RUBBER
CONTACT: COPPER ALLOY
- CONTACT PLATING: SEE SHEET 2
- MODIFICATIONS: FLANGE; RA PCB MOUNT
- SPECIFICATIONS:
4.1 CURRENT RATING: 7.5 AMPS
4.2 OPERATING TEMPERATURE: -55°C TO +125°C
4.3 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC
4.4 INSULATION RESISTANCE: 1000 MEGOHMS MIN @ 25°C
4.5 MOISTURE RESISTANCE: IP67 (MATED CONDITION)
4.6 MATING CYCLE DURABILITY: 100 CYCLES
4.7 RoHS COMPLIANT

- MATING PART: ATM06-08SX*
(X = A,B,C,D KEYS ; * = MODIFICATIONS AND COLORS)

6. SEE SHEET 2 FOR OTHER KEY ARRANGEMENTS AND COLORS

- ALL DIMENSIONS ARE FOR REFERENCE USE ONLY

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

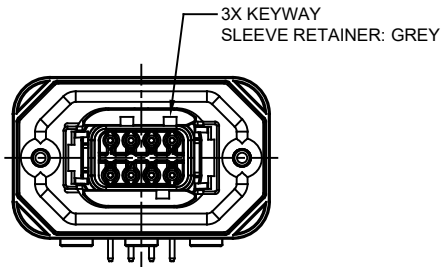
ATM13-08PX-BMXX		DESCRIPTION		ITEM
PART NUMBER				
QUANTITY	MATERIALS LIST			
UNLESS OTHERWISE SPECIFIED		SIGNATURES	DATE	Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036
1) All dimensions are in metric(mm).		DRAWN: SULENZHANG	15JUN18	
2) Tolerances are as follows:		CHECKED: ORIONLI	15JUN18	
1 PL DEC ±0.30		ENGINEER:		
2 PL DEC ±0.15		APPROVAL: TOMMY.XIE	15JUN18	
3 PL DEC ±0.08				
3) Note reference = 				
MATERIAL SPECIFICATIONS:		CUSTOMER:		BOARDLOCK PCB MOUNT RECEPTACLE, 8 PIN, RA FLANGE, ATM SERIES
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- TYPE: ATM13-08PX-BMXX	DWG NO: A2
		SCALE: NONE	SHEET 1 OF 2	

Amphenol

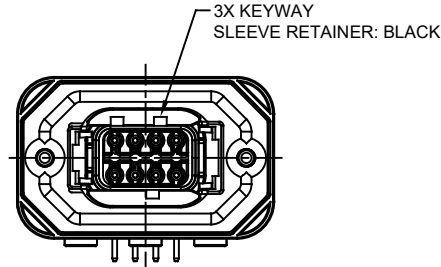
Sine Systems - www.amphenol-sine.com
44724 Morley Drive
Clinton Township, MI 48036

BOARDLOCK PCB MOUNT RECEPTACLE,
8 PIN, RA FLANGE, ATM SERIES

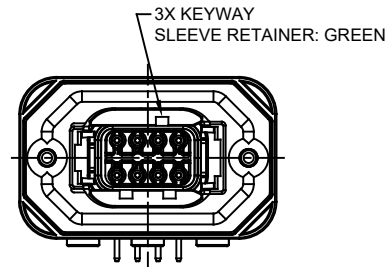
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE NEW DRAWING	15JUN18	SULLEN	TOMMY
A2	-	REVISED DRAWING	10JUL20	JHEAD	DH



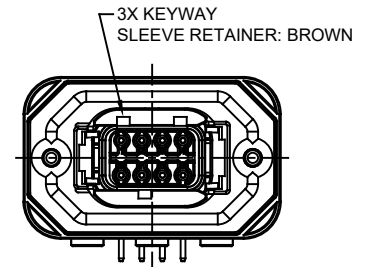
ATM13-08PA-BMXX
KEY A



ATM13-08PB-BMXX
KEY B



ATM13-08PC-BMXX
KEY C



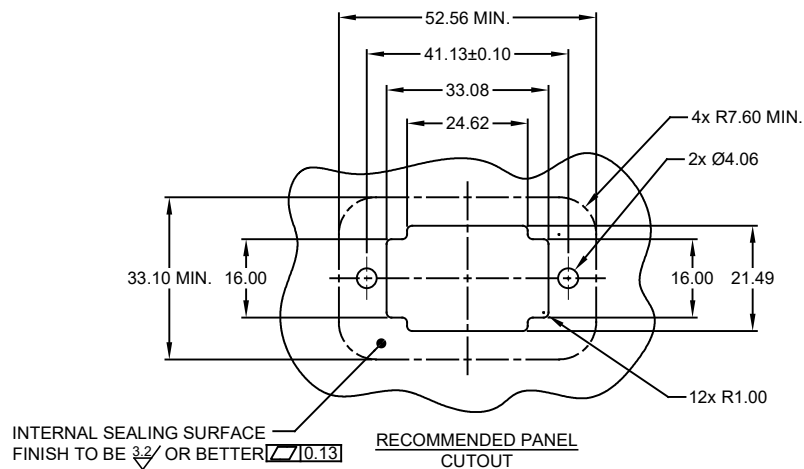
ATM13-08PD-BMXX
KEY D

ATM13-08PA-BMXX VARIANTS		
CONTACT PLATING	POTTING OR NOT IN RESERVOIR	PART NUMBER
GOLD	NO POTTING	ATM13-08PA-BM01
GOLD	POTTING	ATM13-08PA-BM02
TIN	NO POTTING	ATM13-08PA-BM03
TIN	POTTING	ATM13-08PA-BM04

ATM13-08PB-BMXX VARIANTS		
CONTACT PLATING	POTTING OR NOT IN RESERVOIR	PART NUMBER
GOLD	NO POTTING	ATM13-08PB-BM01
GOLD	POTTING	ATM13-08PB-BM02
TIN	NO POTTING	ATM13-08PB-BM03
TIN	POTTING	ATM13-08PB-BM04

ATM13-08PC-BMXX VARIANTS		
CONTACT PLATING	POTTING OR NOT IN RESERVOIR	PART NUMBER
GOLD	NO POTTING	ATM13-08PC-BM01
GOLD	POTTING	ATM13-08PC-BM02
TIN	NO POTTING	ATM13-08PC-BM03
TIN	POTTING	ATM13-08PC-BM04

ATM13-08PD-BMXX VARIANTS		
CONTACT PLATING	POTTING OR NOT IN RESERVOIR	PART NUMBER
GOLD	NO POTTING	ATM13-08PD-BM01
GOLD	POTTING	ATM13-08PD-BM02
TIN	NO POTTING	ATM13-08PD-BM03
TIN	POTTING	ATM13-08PD-BM04



ATM13-08PX-BMXX		DESCRIPTION		ITEM
PART NUMBER				
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 =		SIGNATURES		DATE
		DRAWN: SULLEN, ZHANG		15JUN18
		CHECKED: ORION, LI		15JUN18
		ENGINEER:		
MATERIAL SPECIFICATIONS:		APPROVAL: TOMMY, XIE		15JUN18
PROCESS SPECIFICATIONS:		CUSTOMER:		
NEXT ASSY:		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.		
		SIZE	TYPE	DWG NO:
		B	C-	ATM13-08PX-BMXX
		SCALE:	NONE	
		SHEET 2 OF 2		REVISION A2

Mouser Electronics

Authorized Distributor

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[Amphenol:](#)

[ATM13-08PB-BM03](#)