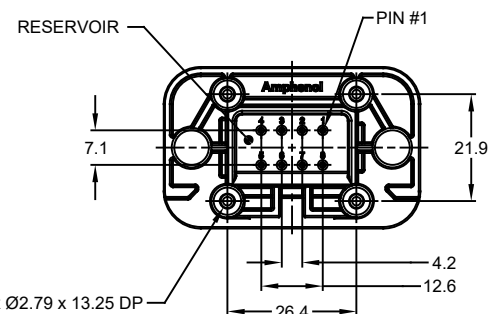
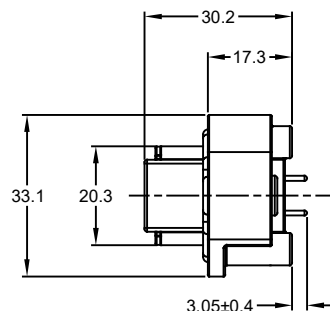
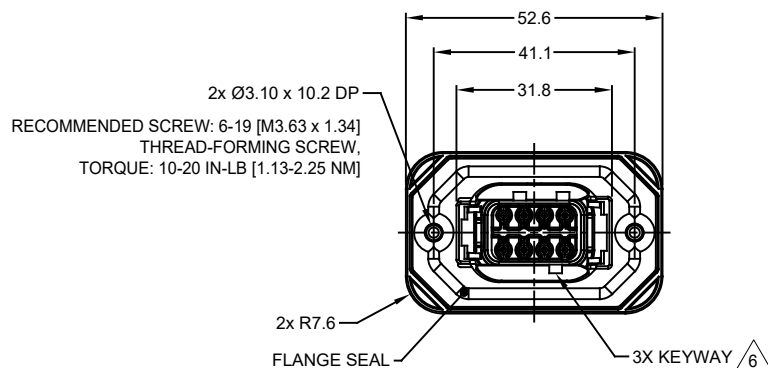
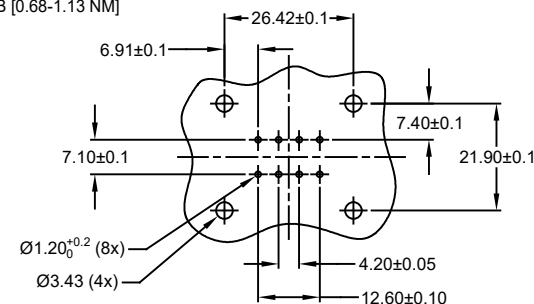


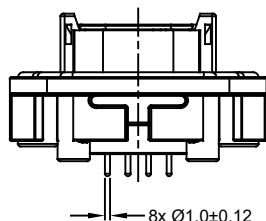
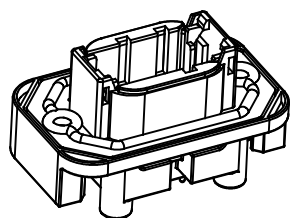
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE NEW DRAWING	15JUN18	SULLEN	TOMMY
A2	-	REVISED DRAWING	10JUL20	JHEAD	DH



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; STRAIGHT 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.

ATM15-08PX-BMXX		DESCRIPTION		ITEM
PART NUMBER				
QUANTITY	MATERIALS LIST			
UNLESS OTHERWISE SPECIFIED		SIGNATURES		DATE
1) All dimensions are in metric (mm).		DRAWN: SULEN ZHANG		15JUN18
2) Tolerances are as follows:		CHECKED: ORION LI		15JUN18
1 PL DEC ±0.30		ENGINEER:		
2 PL DEC ±0.15		APPROVAL: TOMMY XIE		15JUN18
3 PL DEC ±0.08		CUSTOMER:		
3) Note reference = 				
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:		BOARDLOCK PCB MOUNT RECEPTACLE, 8 PIN, STRAIGHT FLANGE, ATM SERIES		
NEXT ASSY:		SIZE	TYPE	DWG NO.
		B	C-	ATM15-08PX-BMXX
		SCALE	NONE	REVISION
				A2
				SHEET 1 OF 2

Amphenol

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

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

TITLE: PCB MOUNT RECEPTACLE, 8 PIN, STRAIGHT FLANGE, ATM SERIES

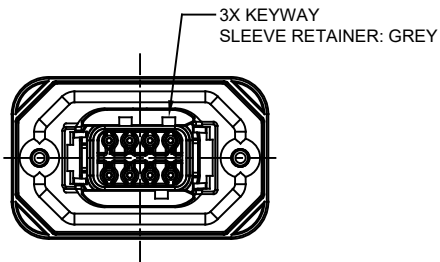
DWG NO: ATM15-08PX-BMXX

REV: A2

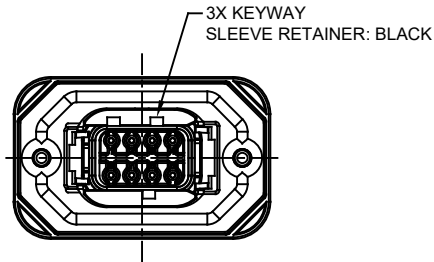
SH: 1

OF: 2

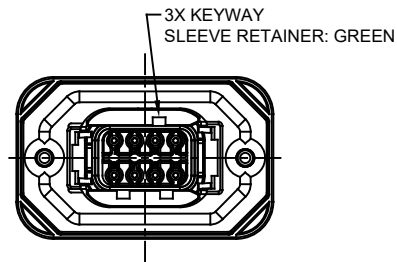
REVISIONS					
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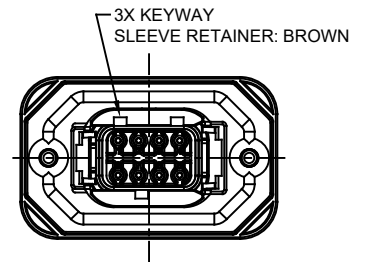
ATM15-08PA-BMXX
KEY A



ATM15-08PB-BMXX
KEY B



ATM15-08PC-BMXX
KEY C



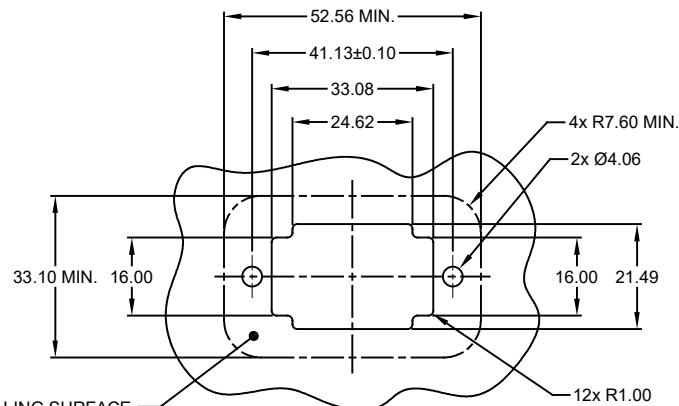
ATM15-08PD-BMXX
KEY D

ATM15-08PA-BMXX VARIANTS		
CONTACT PLATING	POTTING OR NOT IN RESERVOIR	PART NUMBER
GOLD	NO POTTING	ATM15-08PA-BM01
GOLD	POTTING	ATM15-08PA-BM02
TIN	NO POTTING	ATM15-08PA-BM03
TIN	POTTING	ATM15-08PA-BM04

ATM15-08PB-BMXX VARIANTS		
CONTACT PLATING	POTTING OR NOT IN RESERVOIR	PART NUMBER
GOLD	NO POTTING	ATM15-08PB-BM01
GOLD	POTTING	ATM15-08PB-BM02
TIN	NO POTTING	ATM15-08PB-BM03
TIN	POTTING	ATM15-08PB-BM04

ATM15-08PC-BMXX VARIANTS		
CONTACT PLATING	POTTING OR NOT IN RESERVOIR	PART NUMBER
GOLD	NO POTTING	ATM15-08PC-BM01
GOLD	POTTING	ATM15-08PC-BM02
TIN	NO POTTING	ATM15-08PC-BM03
TIN	POTTING	ATM15-08PC-BM04

ATM15-08PD-BMXX VARIANTS		
CONTACT PLATING	POTTING OR NOT IN RESERVOIR	PART NUMBER
GOLD	NO POTTING	ATM15-08PD-BM01
GOLD	POTTING	ATM15-08PD-BM02
TIN	NO POTTING	ATM15-08PD-BM03
TIN	POTTING	ATM15-08PD-BM04



INTERNAL SEALING SURFACE
FINISH TO BE 3.2/ OR BETTER

RECOMMENDED PANEL
CUTOUT

ATM15-08PX-BMXX															
PART NUMBER		DESCRIPTION													
QUANTITY		MATERIALS LIST													
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 =		<table border="1"> <tr> <th>SIGNATURES</th> <th>DATE</th> </tr> <tr> <td>DRAWN: SULLEN, ZHANG</td> <td>15JUN18</td> </tr> <tr> <td>CHECKED: ORION, LI</td> <td>15JUN18</td> </tr> <tr> <td>ENGINEER:</td> <td></td> </tr> <tr> <td>APPROVAL: TOMMY, XIE</td> <td>15JUN18</td> </tr> <tr> <td>CUSTOMER:</td> <td></td> </tr> </table>		SIGNATURES	DATE	DRAWN: SULLEN, ZHANG	15JUN18	CHECKED: ORION, LI	15JUN18	ENGINEER:		APPROVAL: TOMMY, XIE	15JUN18	CUSTOMER:	
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APPROVAL: TOMMY, XIE	15JUN18														
CUSTOMER:															
MATERIAL SPECIFICATIONS:		Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036													
PROCESS SPECIFICATIONS:		BOARDLOCK PCB MOUNT RECEPTACLE, 8 PIN, STRAIGHT FLANGE, ATM SERIES													
NEXT ASSY:		<table border="1"> <tr> <th>SIZE</th> <th>TYPE</th> <th>DWG NO.</th> <th>REVISION</th> </tr> <tr> <td>B</td> <td>C-</td> <td>ATM15-08PX-BMXX</td> <td>A2</td> </tr> <tr> <td colspan="2">SCALE: NONE</td> <td colspan="2">SHEET 2 OF 2</td> </tr> </table>		SIZE	TYPE	DWG NO.	REVISION	B	C-	ATM15-08PX-BMXX	A2	SCALE: NONE		SHEET 2 OF 2	
SIZE	TYPE	DWG NO.	REVISION												
B	C-	ATM15-08PX-BMXX	A2												
SCALE: NONE		SHEET 2 OF 2													

Mouser Electronics

Authorized Distributor

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[ATM15-08PA-BM01](#)