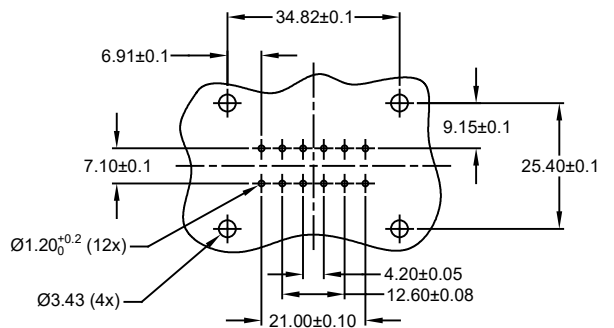
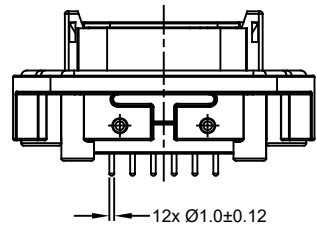
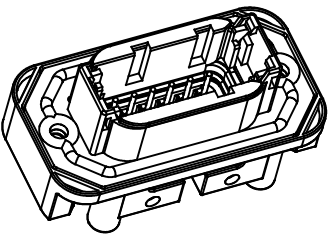
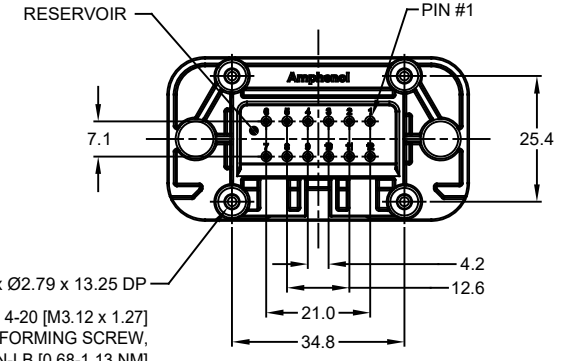


RECOMMENDED SCREW: 4-20 [M3.12 x 1.27]  
 THREAD-FORMING SCREW,  
 TORQUE: 6-10 IN-LB [0.68-1.13 NM]

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



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: ATM06-12SX-\*  
 ( X = A,B,C,D KEYS ; \* = MODIFICATIONS AND COLORS )
- 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.

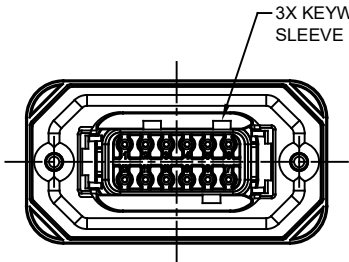
TITLE: PCB MOUNT RECEPTACLE, 12 PIN, STRAIGHT FLANGE, ATM SERIES  
 DWG NO.: ATM15-12PX-BMXX  
 REV: A2  
 SHEET 1 OF 2

ATM15-12PX-BMXX		DTM15-12PA, DTM15-12PB, DTM15-12PC, DTM15-12PD, DTM15-12PA-G003, DTM15-12PB-G003, DTM15-12PC-G003	
PART NUMBER		DESCRIPTION	
ITEM		ITEM	
QUANTITY		MATERIALS LIST	
UNLESS OTHERWISE SPECIFIED		SIGNATURES	
1) All dimensions are in metric (mm)		DRAWN: SULLEN ZHANG 15JUN18	
2) Tolerances are as follows:		CHECKED: ORION LI 15JUN18	
1 PL DEC ±0.30 Fractions ±1/64		ENGINEER:	
2 PL DEC ±0.15 Angles ±1°		APPROVAL: TOMMY XIE 15JUN18	
3) Note reference = $\triangle$		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:		SIZE: B C- TYPE: ATM15-12PX-BMXX REVISION: A2	
NEXT ASSY:		SCALE: NONE SHEET 1 OF 2	

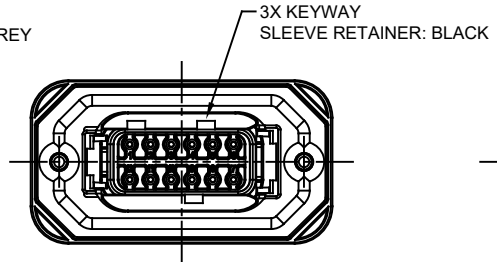
**Amphenol**  
 Sine Systems - www.amphenol-sine.com  
 44724 Morley Drive  
 Clinton Township, MI 48036

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

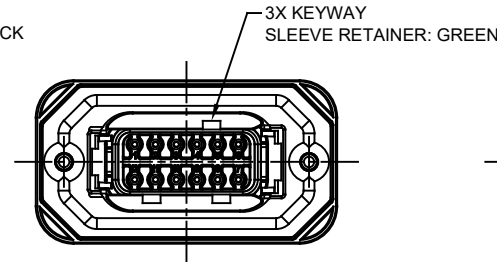
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE NEW DRAWING	15JUN18	SULLEN	TOMMY
A2	-	REVISED DRAWING	10JUL20	JHEAD	DH



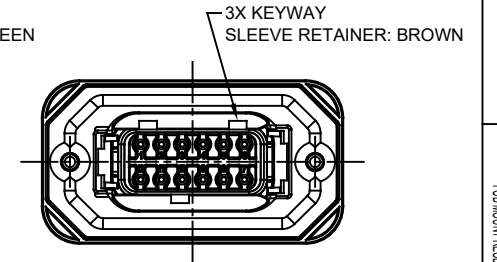
ATM15-12PA-BMXX  
KEY A



ATM15-12PB-BMXX  
KEY B



ATM15-12PC-BMXX  
KEY C



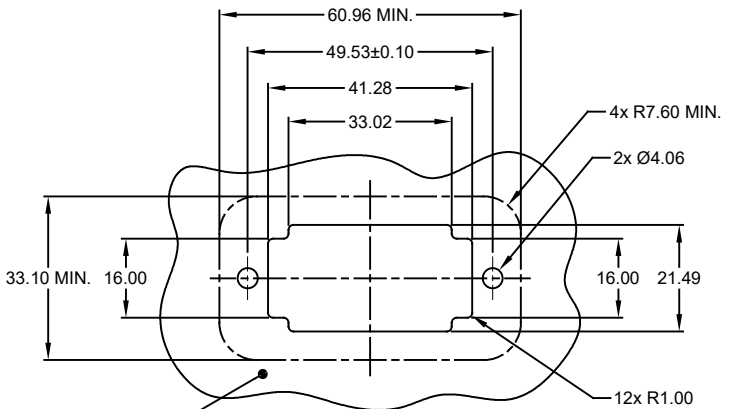
ATM15-12PD-BMXX  
KEY D

ATM15-12PA-BMXX VARIANTS		
CONTACT PLATING	POTTING OR NOT IN RESERVOIR	PART NUMBER
GOLD	NO POTTING	ATM15-12PA-BM01
GOLD	POTTING	ATM15-12PA-BM02
TIN	NO POTTING	ATM15-12PA-BM03
TIN	POTTING	ATM15-12PA-BM04

ATM15-12PB-BMXX VARIANTS		
CONTACT PLATING	POTTING OR NOT IN RESERVOIR	PART NUMBER
GOLD	NO POTTING	ATM15-12PB-BM01
GOLD	POTTING	ATM15-12PB-BM02
TIN	NO POTTING	ATM15-12PB-BM03
TIN	POTTING	ATM15-12PB-BM04

ATM15-12PC-BMXX VARIANTS		
CONTACT PLATING	POTTING OR NOT IN RESERVOIR	PART NUMBER
GOLD	NO POTTING	ATM15-12PC-BM01
GOLD	POTTING	ATM15-12PC-BM02
TIN	NO POTTING	ATM15-12PC-BM03
TIN	POTTING	ATM15-12PC-BM04

ATM15-12PD-BMXX VARIANTS		
CONTACT PLATING	POTTING OR NOT IN RESERVOIR	PART NUMBER
GOLD	NO POTTING	ATM15-12PD-BM01
GOLD	POTTING	ATM15-12PD-BM02
TIN	NO POTTING	ATM15-12PD-BM03
TIN	POTTING	ATM15-12PD-BM04



INTERNAL SEALING SURFACE  
FINISH TO BE  $\geq 2$  OR BETTER  $\sqrt{0.13}$

RECOMMENDED PANEL  
CUTOUT

ATM15-12PX-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 ±0.35   Fractions ±1/64 2 PL DEC ±0.15   Angles ±1° 3 PL DEC ±0.08		SIGNATURES		DATE								
DRAWN: SULLEN,ZHANG		15JUN18		<h1>Amphenol</h1> <p>Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036</p>								
CHECKED: ORION,LI		15JUN18										
ENGINEER: TOMMY,XIE		15JUN18										
APPROVAL: TOMMY,XIE		15JUN18		<p>BOARDLOCK PCB MOUNT RECEPTACLE, 12 PIN, STRAIGHT FLANGE, ATM SERIES</p>								
MATERIAL SPECIFICATIONS:		CUSTOMER:										
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.		<table border="1"> <tr> <td>SIZE</td> <td>TYPE</td> <td>DWG NO.</td> <td>REVISION</td> </tr> <tr> <td>B</td> <td>C-</td> <td>ATM15-12PX-BMXX</td> <td>A2</td> </tr> </table>	SIZE	TYPE	DWG NO.	REVISION	B	C-	ATM15-12PX-BMXX	A2
SIZE	TYPE	DWG NO.	REVISION									
B	C-	ATM15-12PX-BMXX	A2									
NEXT ASSY:		SCALE: NONE		SHEET 2 OF 2								

TITLE: PCB MOUNT RECEPTACLE, 12PIN, STRAIGHT FLANGE, ATM SERIES  
DWG NO: ATM15-12PX-BMXX  
REV: A2  
SH: 2  
OF: 2

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