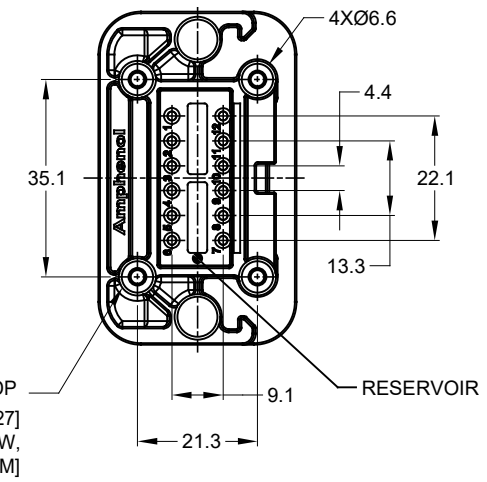


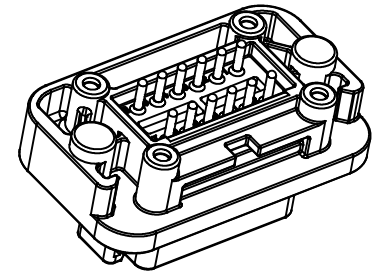
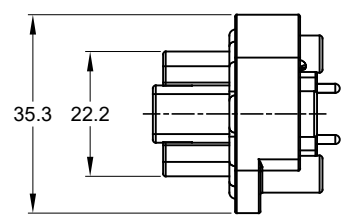
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE NEW DRAWING	19JUN18	JONY	TOMMY
A2	-	REVISED DRAWING	10JUL20	JHEAD	DH



4xØ2.79±0.12 x8.0 DP  
 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 STRAIGHT
- 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: AT06-12S\* PLUG (\* = MODIFICATIONS)
- ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.
- POTTED CONNECTORS SPECIFIED FOR UP TO 5 P.S.I. APPLICATIONS.

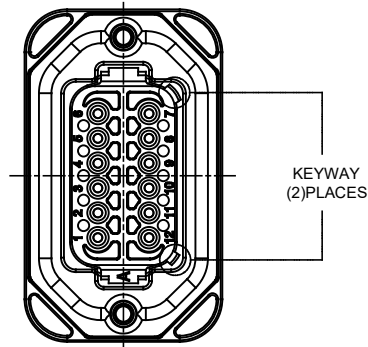


AT15-12PX-BMXX		DESCRIPTION		ITEM
QUANTITY	MATERIALS LIST			
UNLESS OTHERWISE SPECIFIED		SIGNATURES		DATE
1) All dimensions are in metric (mm).		DRAWN: JONY XIE		19JUN18
2) Tolerances are as follows:		CHECKED: ORION LI		19JUN18
1 PL DEC ±0.30		ENGINEER:		
2 PL DEC ±0.15		APPROVAL: TOMMY XIE		19JUN18
3 PL DEC ±0.08		CUSTOMER:		
3) Note reference = $\Delta$		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.		CUSTOMER:		
NEXT ASSY:		PROCESS SPECIFICATIONS:		
		SIZE		REVISION
		TYPE		
		DWG NO:		
		AT15-12PX-BMXX		A2
		SCALE		
		NONE		
		SHEET		
		1		
		OF		
		3		

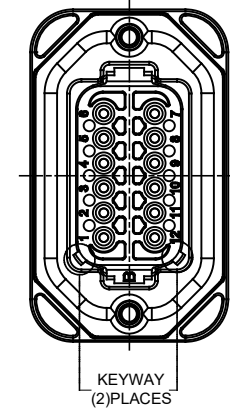
TITLE: PCB MOUNT RECEPTACLE 12PIN STRAIGHT AT SERIES  
 DWG NO: AT15-12PX-BMXX  
 REV: A2  
 SH: 1  
 OF: 3

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

P/N AT15-12PA-BMXX  
KEY-A CONFIGURATION  
STANDARD COLOR: GREY



P/N AT15-12PB-BMXX  
KEY-B CONFIGURATION  
STANDARD COLOR: BLACK



AT15-12PA-BMXX VARIANTS		
CONTACT PLATING	POTTING OR NOT IN RESERVOIR	PART NUMBER
GOLD	NO POTTING	AT15-12PA-BM01
GOLD	POTTING	AT15-12PA-BM02
TIN	NO POTTING	AT15-12PA-BM03
TIN	POTTING	AT15-12PA-BM04

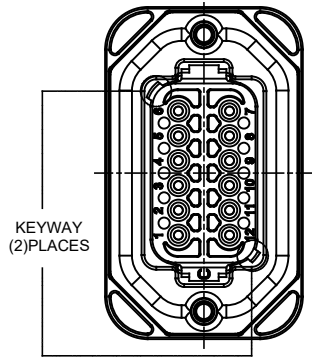
AT15-12PB-BMXX VARIANTS		
CONTACT PLATING	POTTING OR NOT IN RESERVOIR	PART NUMBER
GOLD	NO POTTING	AT15-12PB-BM01
GOLD	POTTING	AT15-12PB-BM02
TIN	NO POTTING	AT15-12PB-BM03
TIN	POTTING	AT15-12PB-BM04

AT15-12PX-BMXX		DESCRIPTION		ITEM
QUANTITY	PART NUMBER			
<b>MATERIALS LIST</b>				
<small>UNLESS OTHERWISE SPECIFIED</small> 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 = $\Delta$		<small>SIGNATURES</small> DRAWN: JONY XIE 19JUN18 CHECKED: ORION LI 19JUN18 APPROVAL: TOMMY XIE 19JUN18 <small>DATE</small>		<b>Amphenol</b> Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036
<small>MATERIAL SPECIFICATIONS:</small> 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.		<small>CUSTOMER:</small> BOARDLOCK PCB MOUNT RECEPTACLE, 12 PIN, STRAIGHT, AT SERIES		
<small>PROCESS SPECIFICATIONS:</small>		<small>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.</small>		<small>REVISION</small> A2
<small>NEXT ASSY:</small>		<small>SCALE:</small> NONE		<small>SIZE</small> B C- <small>DWG NO.</small> AT15-12PX-BMXX <small>SHEET</small> 2 OF 3

TITLE: PCB MOUNT RECEPTACLE, 12PIN, STRAIGHT, AT SERIES  
 DWG NO: AT15-12PX-BMXX  
 REV: A2  
 SH: 2  
 OF: 3

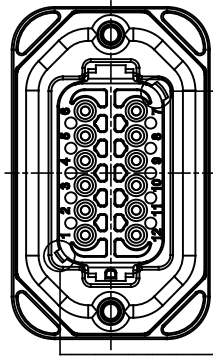
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
01	--	RELEASE NEW DRAWING	19JUN18	JONY	TOMMY
A2	--	REVISED DRAWING	10JUL20	JHEAD	DH

P/N AT15-12PC-BMXX  
KEY-C CONFIGURATION  
STANDARD COLOR: GREEN



KEYWAY  
(2)PLACES

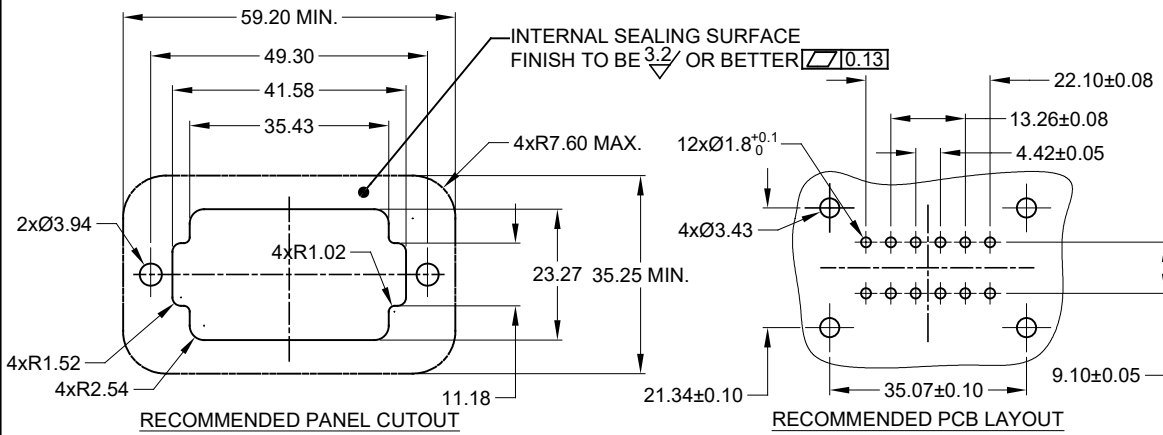
P/N AT15-12PD-BMXX  
KEY-D CONFIGURATION  
STANDARD COLOR: BROWN



KEYWAY  
(2)PLACES

AT15-12PC-BMXX VARIANTS		
CONTACT PLATING	POTTING OR NOT IN RESERVOIR	PART NUMBER
GOLD	NO POTTING	AT15-12PC-BM01
GOLD	POTTING	AT15-12PC-BM02
TIN	NO POTTING	AT15-12PC-BM03
TIN	POTTING	AT15-12PC-BM04

AT15-12PD-BMXX VARIANTS		
CONTACT PLATING	POTTING OR NOT IN RESERVOIR	PART NUMBER
GOLD	NO POTTING	AT15-12PD-BM01
GOLD	POTTING	AT15-12PD-BM02
TIN	NO POTTING	AT15-12PD-BM03
TIN	POTTING	AT15-12PD-BM04



AT15-12PX-BMXX		DESCRIPTION	
QUANTITY	PART NUMBER	ITEM	
<b>MATERIALS LIST</b>			
<small>UNLESS OTHERWISE SPECIFIED</small> 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: JONY XIE    19JUN18 CHECKED: ORION LI    19JUN18 ENGINEER: APPROVAL: TOMMY XIE    19JUN18 CUSTOMER:	
MATERIAL SPECIFICATIONS:		<b>Amphenol</b> Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036	
PROCESS SPECIFICATIONS:		<b>BOARDLOCK PCB MOUNT RECEPTACLE, 12 PIN, STRAIGHT, AT SERIES</b>	
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: <b>B</b> TYPE: <b>C-</b> SCALE: NONE	DWG NO: <b>AT15-12PX-BMXX</b> REVISION: <b>A2</b>
		SHEET <b>3</b> OF <b>3</b>	

TITLE: PCB MOUNT RECEPTACLE (P/N) STRAIGHT AT SERIES    DWG NO: AT15-12PX-BMXX    REV: A2    SH: 3    OF: 3