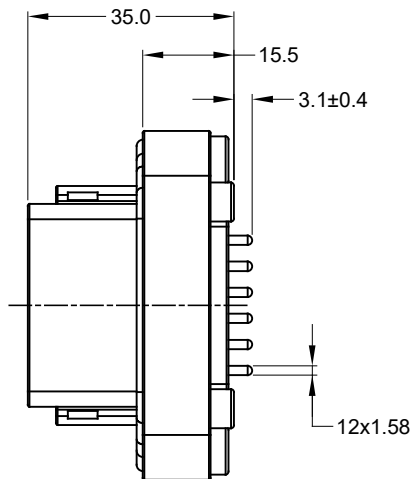
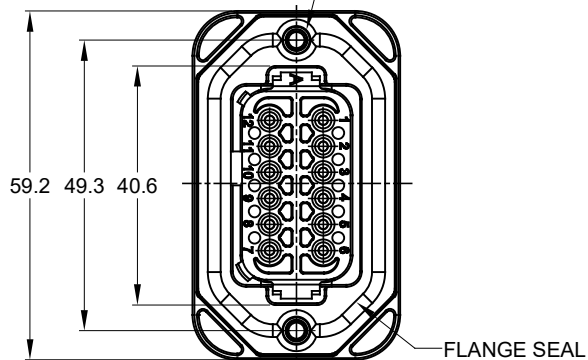
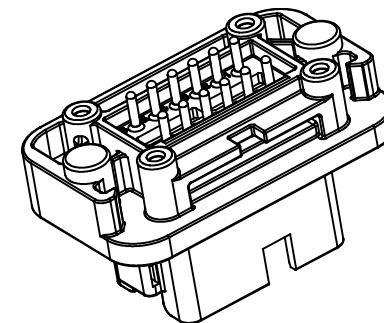
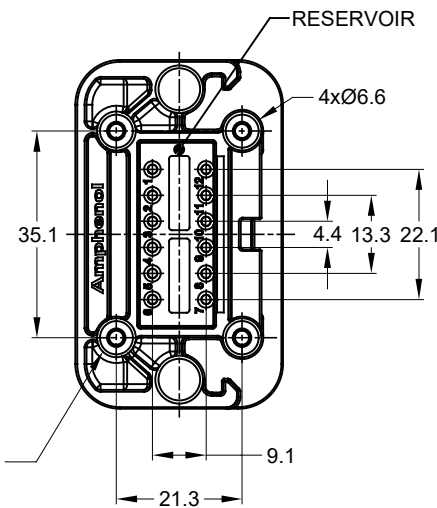


2xØ3.10±0.12x11.18 DP
RECOMMENDED SCREW: 6-19 [M3.63 x 1.34]
THREAD-FORMING SCREW,
TORQUE: 11-15 IN-LB [1.24-1.70 NM]



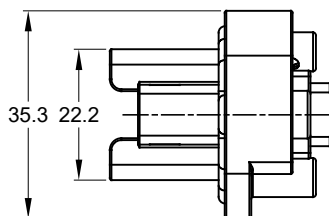
4x Ø2.79±0.12 x8.0 DP
RECOMMENDED SCREW: 4-20 [M3.12 x 1.27]
THREAD-FORMING SCREW,
TORQUE: 6-10 IN-LB [0.68-1.13 NM]

REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE NEW DRAWING	14/DEC/18	BROOK	TOMMY
A2	C110SS	UPDATE DRAWING	19/AUG/19	BROOK	TOMMY
A3	-	REVISED DRAWING	10/JUL/20	JHEAD	DH



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-BM1X		REF : DT15-12PA-B016, DT15-12PB-B016 , DT15-12PC-B016 , DT15-12PD-B016		
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 2 PL DEC ±0.15 3 PL DEC ±0.08 3) Note reference =		SIGNATURES DATE DRAWN: BROOK DING 19/AUG/19 CHECKED: ORION LI 19/AUG/19 ENGINEER: APPROVAL: TOMMY XIE 19/AUG/19		
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.		
NEXT ASSY:		SCALE: NONE		
		SIZE TYPE DWG NO. AT15-12PX-BM1X		
		REVISION A2		
		SHEET 1 OF 3		

KEYWAY
(3) PLACES

AT15-12PA-BM1X VARIANTS		
CONTACT PLATING	POTTING OR NOT IN RESERVOIR	PART NUMBER
TIN	NO POTTING	AT15-12PA-BM16
TIN	POTTING	AT15-12PA-BM17
GOLD	NO POTTING	AT15-12PA-BM18
GOLD	POTTING	AT15-12PA-BM19

REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	--	RELEASE NEW DRAWING	14/DEC/18	BROOK	TOMMY
A2	C1105S	UPDATE DRAWING	19/AUG/19	BROOK	TOMMY
A3	--	REVISED DRAWING	10/JUL/20	JHEAD	DH

KEYWAY
(3) PLACES

AT15-12PB-BM1X VARIANTS		
CONTACT PLATING	POTTING OR NOT IN RESERVOIR	PART NUMBER
TIN	NO POTTING	AT15-12PB-BM16
TIN	POTTING	AT15-12PB-BM17
GOLD	NO POTTING	AT15-12PB-BM18
GOLD	POTTING	AT15-12PB-BM19

AT15-12PX-BM1X		REF : DT15-12PA-B016, DT15-12PB-B016, DT15-12PC-B016, DT15-12PD-B016	
PART NUMBER		DESCRIPTION	
QUANTITY		ITEM	
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: BROOK DING 19/AUG/19 CHECKED: ORION LI 19/AUG/19 ENGINEER: APPROVAL: TOMMY XIE 19/AUG/19	
MATERIAL SPECIFICATIONS:		Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036	
PROCESS SPECIFICATIONS:		BOARDLOCK PCB MOUNT RECEPTACLE 12PIN ENHANCED KEY, STRAIGHT AT SERIES	
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- AT15-12PX-BM1X	
NEXT ASSY:		SCALE: NONE SHEET 2 OF 3	
		REVISION A2	

TITLE: BOARDLOCK PCB MOUNT RECEPT 12PIN ENHANCE KEY STRAIGHT AT SERIES

DWG NO: AT15-12PX-BM1X

REV: A2

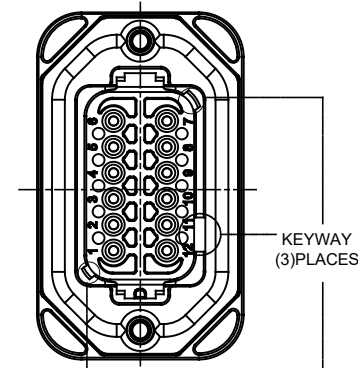
SH: ?

OF: 3

KEYWAY
(3)PLACES

The technical drawings provide detailed dimensions for the connector's mechanical interface. The left drawing, labeled "RECOMMENDED PANEL CUTOUT", shows a rectangular panel with a central cutout. Key dimensions include a total width of 59.20 MIN., a cutout width of 41.58, and a cutout height of 23.27. It also specifies corner radii of 4xR1.02 and 4xR1.52, and edge radii of 4xR2.54 and 4xR7.60 MAX. The right drawing, labeled "RECOMMENDED PCB LAYOUT", shows the footprint of the connector on a PCB. It features a central 12x0.8mm pin header with a pitch of 2.54mm. Dimensions include a total width of 35.07±0.10, a pin diameter of 0.8±0.1, and various spacing dimensions such as 22.10±0.08, 13.26±0.08, and 4.42±0.05. A note indicates the internal sealing surface finish should be 3.2 or better.

P/N AT15-12PD-BM1X
KEY-D CONFIGURATION
STANDARD COLOR: BROWN



AT15-12PX-BM1X		REF : DT15-12PA-B016, DT15-12PB-B016, DT15-12PC-B016, DT15-12PD-B016	
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 2 PL DEC ±0.15 3 PL DEC ±0.08 3) Note reference = 		SIGNATURES DATE DRAWN: BROCK DING 19/AUG/19 CHECKED: CRION LI 19/AUG/19 ENGINEER: APPROVAL: TOMMY XIE 19/AUG/19 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.	
MATERIAL SPECIFICATIONS:		Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036	
PROCESS SPECIFICATIONS:		BOARDLOCK PCB MOUNT RECEPTACLE 12PIN ENHANCED KEY, STRAIGHT AT SERIES	
NEXT ASSY:		SIZE B TYPE C DWG NO. AT15-12PX-BM1X SCALE: NONE	REVISION: A2
		SHEET 3 OF 3	