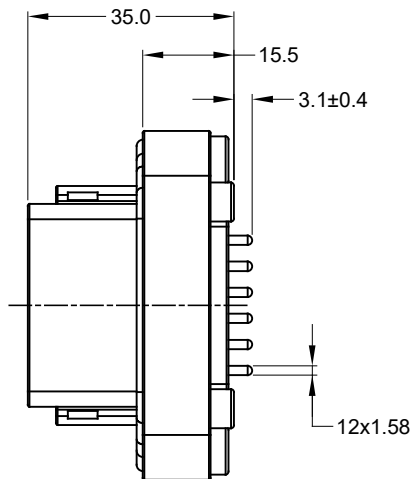
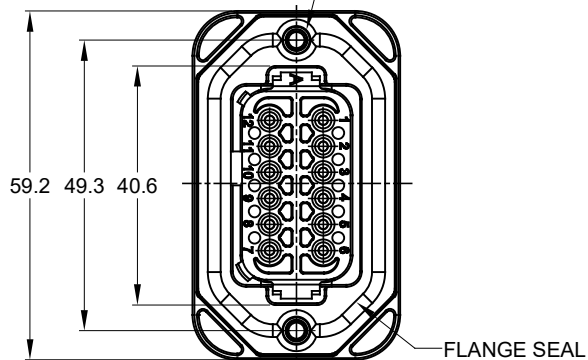
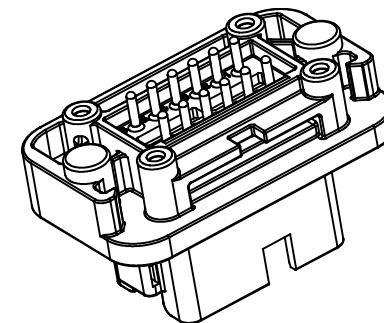
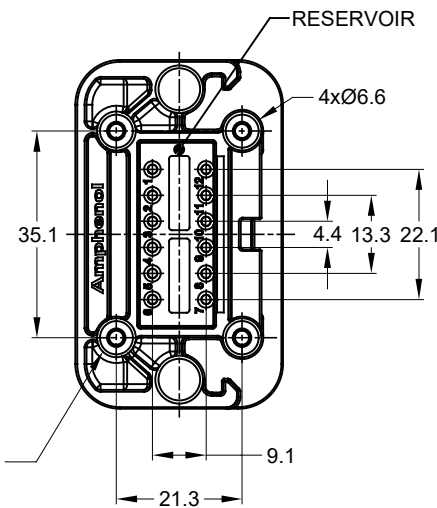


2xØ3.10±0.12x11.18 DP
RECOMMENDED SCREW: 6-19 [M3.63 x 1.34]
THREAD-FORMING SCREW,
TORQUE: 11-15 IN-LB [1.24-1.70 NM]



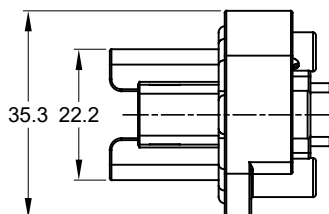
4x Ø2.79±0.12 x8.0 DP
RECOMMENDED SCREW: 4-20 [M3.12 x 1.27]
THREAD-FORMING SCREW,
TORQUE: 6-10 IN-LB [0.68-1.13 NM]

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 1 Fractions ±1/64 3 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		 Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036	
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:					
		BOARDLOCK PCB MOUNT RECEPTACLE 12PIN ENHANCED KEY, STRAIGHT AT SERIES			
		SIZE	C- B	DWG NO. AT15-12PX-BM1X	REVISION A2
		SCALE	NONE	SHEET 1	OF 3

Diagram illustrating the rear view of the engine block, showing the keyway locations. The text indicates: 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 2 PL DEC +0.15 3 PL DEC +0.08 Angles ±1°		SIGNATURES DATE DRAWN: BROOK DING 19/AUG/19 CHECKED: ORION LI 19/AUG/19 ENGINEER: APPROVAL: TOMMY XIE 19/AUG/19	
3) Note reference = 		Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036	
MATERIAL SPECIFICATIONS:		BOARDLOCK PCB MOUNT RECEPTACLE 12PIN ENHANCED KEY, STRAIGHT AT SERIES	
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.		SIZE TYPE DWG NO. REVISION B C- AT15-12PX-BM1X A2	
NEXT ASSY:		SCALE: NONE SHEET 2 OF 3	

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

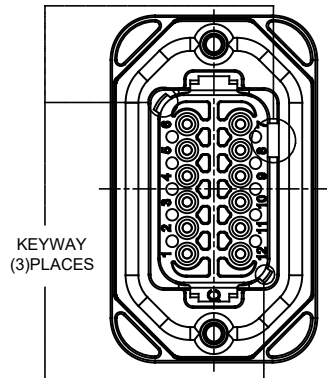
DWG NO: AT15-12PX-BM1X

REV: A2

SH: ?

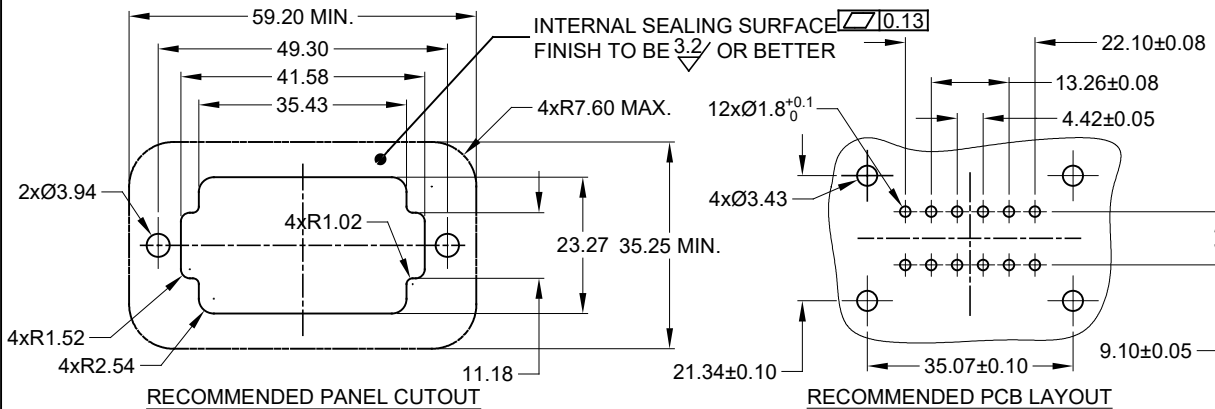
OF: 3

P/N AT15-12PC-BM1X
KEY-C CONFIGURATION
STANDARD COLOR: GREEN



AT15-12PC-BM1X VARIANTS

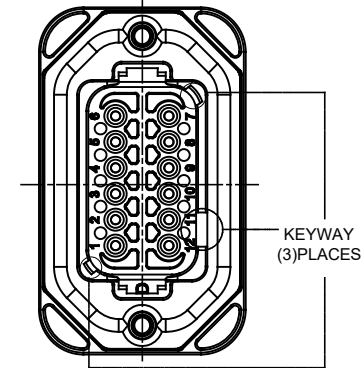
CONTACT PLATING	POTTING OR NOT IN RESERVOIR	PART NUMBER
TIN	NO POTTING	AT15-12PC-BM16
TIN	POTTING	AT15-12PC-BM17
GOLD	NO POTTING	AT15-12PC-BM18
GOLD	POTTING	AT15-12PC-BM19



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	10JUL20	JHEAD	DH

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



AT15-12PD-BM1X VARIANTS

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

AT15-12PX-BM1X		REF : DT15-12PA-B016, DT15-12PB-B016, DT15-12PC-B016, DT15-12PD-B016			
PART NUMBER		DESCRIPTION			ITEM
MATERIALS LIST					
QUANTITY		SIGNATURES		DATE	
UNLESS OTHERWISE SPECIFIED		DRAWN: BROOK DING		19/AUG/19	
1) All dimensions are in metric (mm).		CHECKED: ORION LI		19/AUG/19	
2) Tolerances are as follows:		ENGINEER:			
1 PL DEC ± 0.30		APPROVAL: TOMMY XIE		19/AUG/19	
2 PL DEC ± 0.15					
3 PL DEC ± 0.08					
3) Note reference = 					
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:		SIZE: B		TYPE: C-	
		DWG NO: AT15-12PX-BM1X		REVISION: A2	
		SCALE: NONE		SHEET 3 OF 3	

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