

REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE NUMBER	30/NOV/18	ROOKIE	TOMMY

NOTES: UNLESS OTHERWISE SPECIFIED

1. SEE SHEET 2 FOR KEY ARRANGEMENTS AND COLORS.

2. MATERIAL:
HOUSING: THERMOPLASTIC
SEAL: SILICONE RUBBER

3. MODIFICATIONS: FLANGE

4. SPECIFICATIONS:
4.1 CURRENT RATING: 13 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

5. MATING PART: AT06-12SX* PLUG.
(X=A,B,C,D KEYS, * = MODIFICATIONS AND COLORS)

6. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

7. CONTACT SIZE AND REAR SEAL WIRE RANGE:

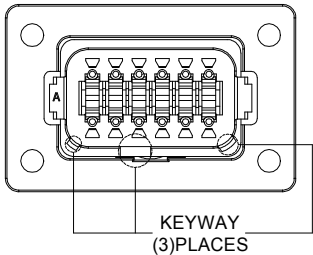
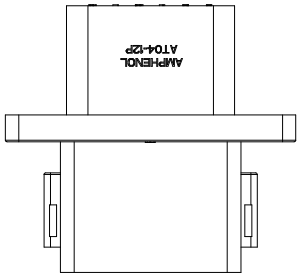
CONTACT SIZE	MIN. INSUL O.D.	MAX. INSUL O.D.	TYPICAL WIRE RANGE
16	2.24 mm (.088 in)	3.68 mm (.145 in)	14 - 20 AWG

SEE SHEET 2				
PART NUMBER		DESCRIPTION		ITEM
QUANTITY				
MATERIALS LIST				
UNLESS OTHERWISE SPECIFIED		SIGNATURES		DATE
1) All dimensions are in metric (mm).		DRAWN: ROOKIE		30/NOV/18
2) Tolerances are as follows:		CHECKED: ORON		30/NOV/18
1 PL DEC ±0.30		ENGINEER:		
2 PL DEC ±0.15		APPROVAL: TOMMY		30/NOV/18
3 PL DEC ±0.08		CUSTOMER:		
3) Note reference = 2		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:		SIZE		REVISION
PROCESS SPECIFICATIONS:		B C-		A1
NEXT ASSY:		SCALE: NONE		
		DWG NO: AT04-12PX-BL04		SHEET 1 OF 3

Amphenol
Sine Systems - www.amphenol-sine.com
44724 Morley Drive
Clinton Township, MI 48036
12P RECEPTACLE, FLANGE MOUNT, ENHANCE KEY

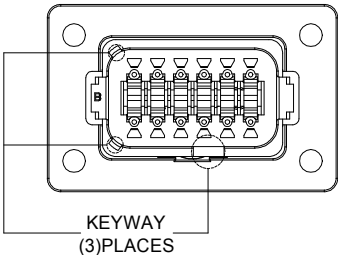
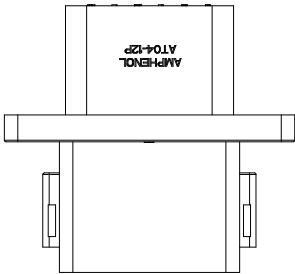
REVISIONS					
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A1	-	RELEASE NUMBER	30/NOV/18	ROOKIE	TOMMY

KEY A CONFIGURATION
STANDARD COLOR:GREY



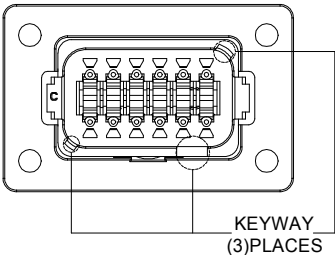
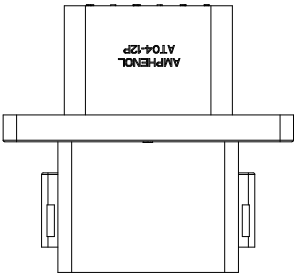
KEY-A CONFIGURATION	
COLOR	PART NUMBER
GREY	AT04-12PA-BL04

KEY B CONFIGURATION
STANDARD COLOR:BLACK



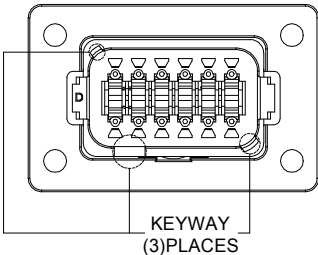
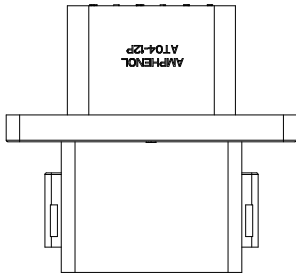
KEY-B CONFIGURATION	
COLOR	PART NUMBER
BLACK	AT04-12PB-BL04

KEY C CONFIGURATION
STANDARD COLOR:GREEN




KEY-C CONFIGURATION	
COLOR	PART NUMBER
GREEN	AT04-12PC-BL04

KEY D CONFIGURATION
STANDARD COLOR:BROWN

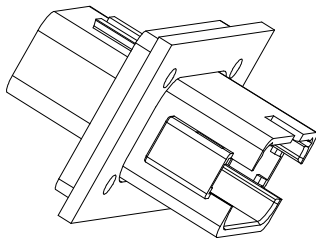


KEY-D CONFIGURATION	
COLOR	PART NUMBER
BROWN	AT04-12PD-BL04

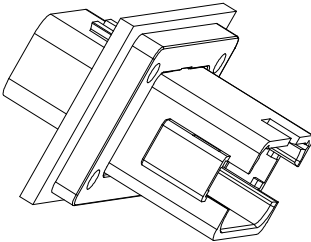
		SEE SHEET 2			
		PART NUMBER		DESCRIPTION	
QUANTITY		ITEM			
		MATERIALS LIST			
UNLESS OTHERWISE SPECIFIED 1) All dimensions are in metric(mm). 2) Tolerances are as follows: 1 PL DEC ± 0.30 2 PL DEC ± 0.15 3 PL DEC ± 0.08 3) Note reference = 		SIGNATURES DRAWN: ROOKIE CHECKED: ORION ENGINEER: APPROVAL: TOMMY CUSTOMER:		DATE 30/NOV/18 30/NOV/18 30/NOV/18 30/NOV/18	
MATERIAL SPECIFICATIONS:		Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036			
PROCESS SPECIFICATIONS:		12P RECEPTACLE, FLANGE MOUNT, ENHANCE KEY			
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 C-	
				DWG NO: AT04-12PX-BL04	
				REVISION A1	
		SCALE: NONE		SHEET 2 OF 3	

REVISIONS					
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A1	-	RELEASE NUMBER	30/NOV/18	ROOKIE	TOMMY

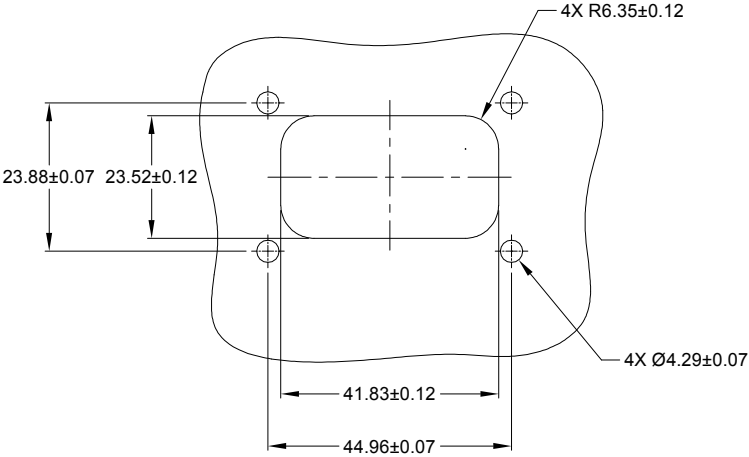
FOR REFERENCE ONLY




FRONT MOUNT



REAR MOUNT



RECOMMENDED CUTOUT
FRONT AND REAR MOUNT

SEE SHEET 2		DESCRIPTION		ITEM
PART NUMBER				
QUANTITY	MATERIALS LIST			
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MATERIAL SPECIFICATIONS: PROCESS SPECIFICATIONS: NEXT ASSY:		DRAWN: ROOKIE	30/NOV/18	
		CHECKED: ORION	30/NOV/18	
		ENGINEER:		
		APPROVAL: TOMMY	30/NOV/18	
		CUSTOMER:	12P RECEPTACLE, FLANGE MOUNT, ENHANCE KEY	
		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	TYPE C-	DWG NO: AT04-12PX-BL04
		SCALE: NONE	REVISION A1	
		SHEET 3		OF 3

TITLE: 12P RECEPTACLE, FLANGE MOUNT, ENHANCE KEY DWG NO: AT04-12PX-BL04 REV: A1 SH: 3 OF: 3

Mouser Electronics

Authorized Distributor

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[AT04-12PD-BL04](#)