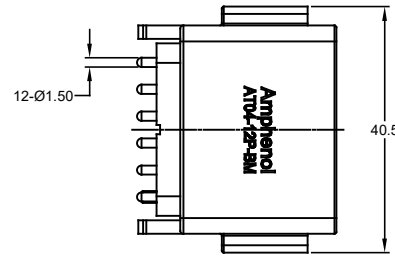
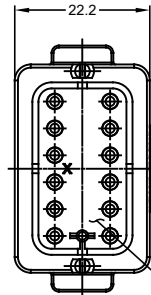
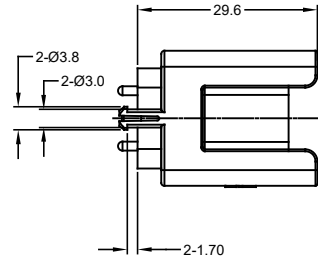
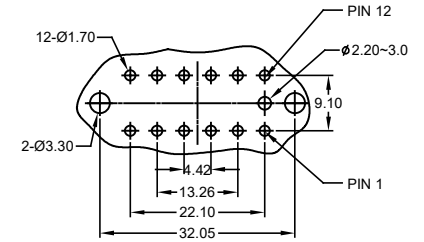
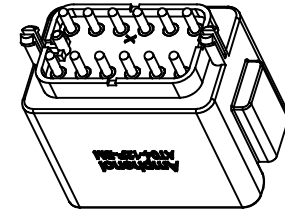
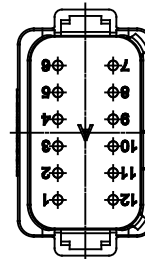


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE NEW DWG FORMAT	NOV/07/15	SULLEN	TOMMY
A2	-	REVISE DRAWING	10JUL20	JHEAD	DH



RESERVOIR



RECOMMENDED LAYOUT
VIEW FROM COMPONENTS
SIDE OF PCB

NOTES: UNLESS OTHERWISE SPECIFIED

1. SEE SHEET 2 FOR KEY ARRANGEMENTS AND COLORS.

2. MATERIAL:
HOUSING: THERMOPLASTIC; COLOR: SEE SHEET 2
CONTACT: COPPER ALLOY

3. MODIFICATIONS: PCB MOUNT

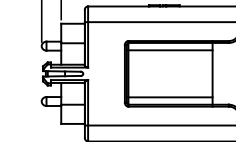
4. SPECIFICATIONS:
3.1 CURRENT RATING: 13 AMPS
3.2 OPERATING TEMPERATURE: -55°C TO +125°C
3.3 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.
3.4 INSULATION RESISTANCE: 1000 MEGOHMS MIN @ 25°C.
3.5 MOISTURE RESISTANCE: IP67 (MATED CONDITION)
3.6 MATING CYCLE DURABILITY: 100 CYCLES
3.7 RoHS COMPLIANT

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

6. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

7. POTTED CONNECTORS SPECIFIED FOR UP TO 5 P.S.I. APPLICATIONS.

3.2

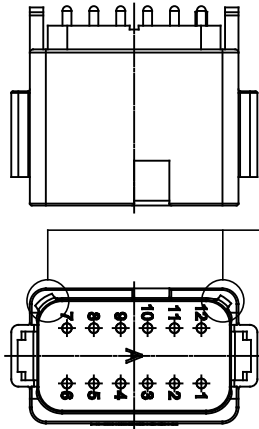


PART NUMBER		DESCRIPTION		ITEM
MATERIALS LIST				
QUANTITY	SIGNATURES		DATE	
UNLESS OTHERWISE SPECIFIED 1) All dimensions are in metric(mm) 2) Tolerances are as follows: 1 PL DEC ±0.30 Fractions ±1/64 2 PL DEC ±0.15 Angles ±1° 3 PL DEC ±0.08 3) Note reference = 				
MATERIAL SPECIFICATIONS:		DRAWN: SULLEN ZHANG	07/NOV/15	Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036
PROCESS SPECIFICATIONS:		CHECKED: GRONLI	07/NOV/15	
		ENGINEER:		
		APPROVAL: TOMMY XIE	07/NOV/15	
		CUSTOMER:		BOARDLOCK PCB MOUNT RECEPTACLE, 12 PIN, STRAIGHT, A 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.		
NEXT ASSY:	SIZE: B C-		TYPE: AT04-12PX-BMXX	REVISION: A2
		SCALE: NONE		SHEET 1 OF 2

TITLE: PCB MOUNT RECEPTACLE, 12 PIN, STRAIGHT, A SERIES
DWG NO: AT04-12PX-BMXX
REV: A2
SH: 1
OF: 2

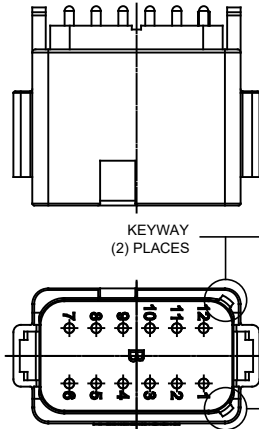
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE NEW DWG FORMAT	NOV/07/15	SULLEN	TOMMY
A2	-	REVISE DRAWING	10JUL20	JHEAD	DH

P/N AT04-12PA-BMXX
KEY-A CONFIGURATION
COLOR: GREY



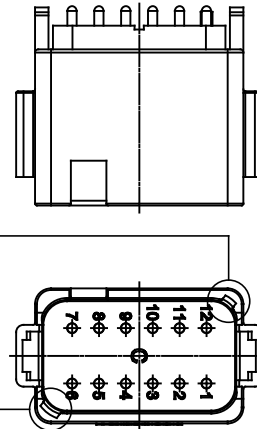
KEYWAY
(2) PLACES

P/N AT04-12PB-BMXX
KEY-B CONFIGURATION
COLOR: BLACK



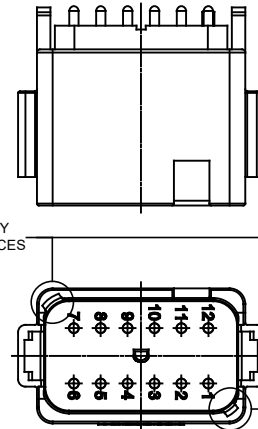
KEYWAY
(2) PLACES

P/N AT04-12PC-BMXX
KEY-C CONFIGURATION
COLOR: GREEN



KEYWAY
(2) PLACES

P/N AT04-12PD-BMXX
KEY-D CONFIGURATION
COLOR: BROWN



KEYWAY
(2) PLACES

AT04-12PA-BMXX VARIANTS		
CONTACT PLATING	POTTING OR NOT IN RESERVOIR	PART NUMBER
GOLD	NO POTTING	AT04-12PA-BM01
GOLD	POTTING	AT04-12PA-BM02
NICKEL	NO POTTING	AT04-12PA-BM03
NICKEL	POTTING	AT04-12PA-BM04

AT04-12PB-BMXX VARIANTS		
CONTACT PLATING	POTTING OR NOT IN RESERVOIR	PART NUMBER
GOLD	NO POTTING	AT04-12PB-BM01
GOLD	POTTING	AT04-12PB-BM02
NICKEL	NO POTTING	AT04-12PB-BM03
NICKEL	POTTING	AT04-12PB-BM04

AT04-12PC-BMXX VARIANTS		
CONTACT PLATING	POTTING OR NOT IN RESERVOIR	PART NUMBER
GOLD	NO POTTING	AT04-12PC-BM01
GOLD	POTTING	AT04-12PC-BM02
NICKEL	NO POTTING	AT04-12PC-BM03
NICKEL	POTTING	AT04-12PC-BM04

AT04-12PD-BMXX VARIANTS		
CONTACT PLATING	POTTING OR NOT IN RESERVOIR	PART NUMBER
GOLD	NO POTTING	AT04-12PD-BM01
GOLD	POTTING	AT04-12PD-BM02
NICKEL	NO POTTING	AT04-12PD-BM03
NICKEL	POTTING	AT04-12PD-BM04

SEE PART NUMBER CHART															
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 Fractions ±1/64 2 PL DEC ±0.15 Angles ±1° 3 PL DEC ±0.08 3) Note reference =		<table border="1"> <tr> <th>SIGNATURES</th> <th>DATE</th> </tr> <tr> <td>DRAWN: SULEN ZHANG</td> <td>07/NOV/15</td> </tr> <tr> <td>CHECKED: ORION LI</td> <td>07/NOV/15</td> </tr> <tr> <td>ENGINEER:</td> <td></td> </tr> <tr> <td>APPROVAL: TOMMY XIE</td> <td>07/NOV/15</td> </tr> <tr> <td>CUSTOMER:</td> <td></td> </tr> </table>		SIGNATURES	DATE	DRAWN: SULEN ZHANG	07/NOV/15	CHECKED: ORION LI	07/NOV/15	ENGINEER:		APPROVAL: TOMMY XIE	07/NOV/15	CUSTOMER:	
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NEXT ASSY:		<table border="1"> <tr> <th>SIZE</th> <th>TYPE</th> <th>DWG NO.</th> <th>REVISION</th> </tr> <tr> <td>B</td> <td>C-</td> <td>AT04-12PX-BMXX</td> <td>A2</td> </tr> </table>	SIZE	TYPE	DWG NO.	REVISION	B	C-	AT04-12PX-BMXX	A2					
SIZE	TYPE	DWG NO.	REVISION												
B	C-	AT04-12PX-BMXX	A2												
		SCALE: NONE	SHEET 2 OF 2												

Mouser Electronics

Authorized Distributor

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Amphenol:

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[AT04-12PC-BM04](#) [AT04-12PC-BM03](#) [AT04-12PD-BM03](#) [AT04-12PD-BM01](#) [AT04-12PD-BM04](#) [AT04-12PD-BM02](#)
[AT04-12PA-BM01](#) [AT04-12PA-BM02](#) [AT04-12PA-BM03](#) [AT04-12PA-BM04](#)