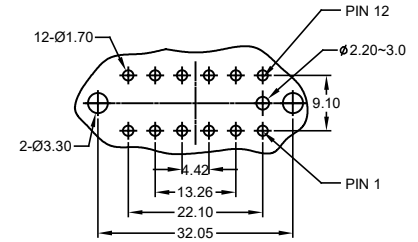
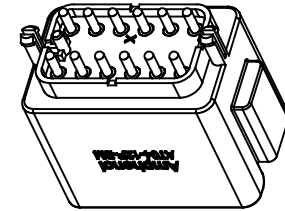
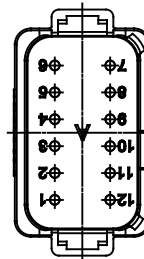
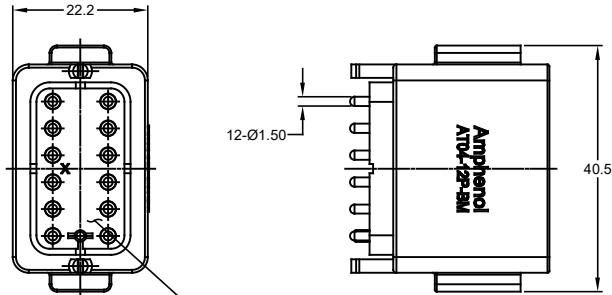
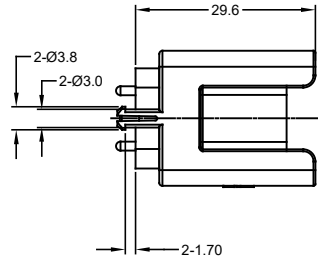




**THE DATASHEET OF
AT04-12PB-BM04**



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



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

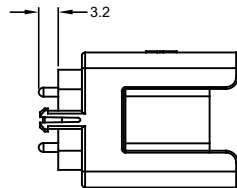
3. MODIFICATIONS: PCB MOUNT

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.

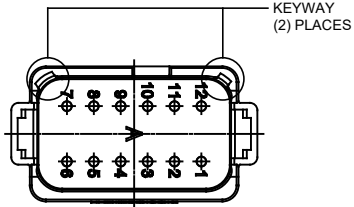
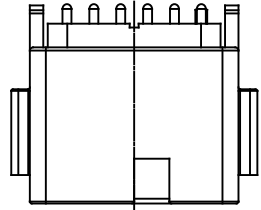


QUANTITY	PART NUMBER	DESCRIPTION	ITEM
MATERIALS LIST			
UNLESS OTHERWISE SPECIFIED 1) All dimensions are in metric(mm). 2) Tolerances are as follows: 1 PL. DEC ±0.30 Fractions ±1/64 2 PL. DEC ±0.15 Angles ±1° 3 PL. DEC ±0.08 3) Note reference =		SIGNATURES DATE DRAWN: SULLEN ZHANG 07/NOV/15 CHECKED: ORION LI 07/NOV/15 ENGINEER: APPROVAL: TOMMY XIE 07/NOV/15 CUSTOMER:	
MATERIAL SPECIFICATIONS:		<div style="text-align: center;"> <p>Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036</p> </div> BOARDLOCK PCB MOUNT RECEPTACLE, 12 PIN, STRAIGHT, A SERIES	
PROCESS SPECIFICATIONS:			
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- TYPE: AT04-12PX-BMXX DWG NO: 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

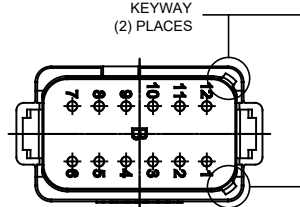
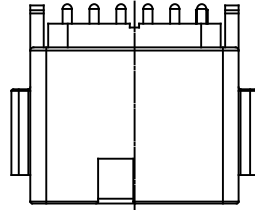
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE NEW DWG FORMAT	NOV/07/15	SULLEN	TOMMY
A2	-	REVISE DRAWING	10JUL20	JHEAD	DH

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



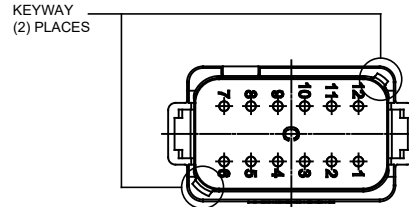
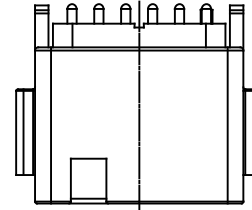
AT04-12PA-BMXX VARIANTS		
CONTACT PLATING	POTTING OR NOT IN RESERVOIR	PART NUMBER
GOLD	NO POTTING	AT04-12PA-BM01
GOLD	POTTING	AT04-12PA-BM02
NICKEL	NO POTTING	AT04-12PA-BM03
NICKEL	POTTING	AT04-12PA-BM04

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



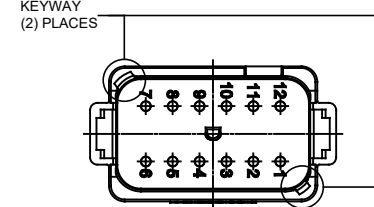
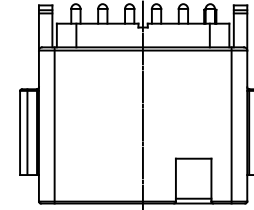
AT04-12PB-BMXX VARIANTS		
CONTACT PLATING	POTTING OR NOT IN RESERVOIR	PART NUMBER
GOLD	NO POTTING	AT04-12PB-BM01
GOLD	POTTING	AT04-12PB-BM02
NICKEL	NO POTTING	AT04-12PB-BM03
NICKEL	POTTING	AT04-12PB-BM04

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



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

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



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

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

SEE PART NUMBER CHART			
PART NUMBER		DESCRIPTION	
QUANTITY			ITEM
MATERIALS LIST			
<small>UNLESS OTHERWISE SPECIFIED:</small> 1) All dimensions are in metric(mm). 2) Tolerances are as follows: 1 PL DEC ±0.30 1 Fractions ±1/64 2 PL DEC ±0.15 Angles ±1° 3 PL DEC ±0.08 3) Note reference =		SIGNATURES DATE DRAWN: SULENZHANG 07/NOV/15 CHECKED: ORIONLI 07/NOV/15 ENGINEER: APPROVAL: TOMMY.XIE 07/NOV/15 CUSTOMER:	
MATERIAL SPECIFICATIONS:		<h1>Amphenol</h1> <p>Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036</p> <p>BOARDLOCK PCB MOUNT RECEPTACLE, 12 PIN, STRAIGHT, A SERIES</p>	
PROCESS SPECIFICATIONS:			
NEXT ASSY:			
<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>		SIZE: B C- SCALE: NONE	DWG NO: AT04-12PX-BMXX REVISION: A2 SHEET 2 OF 2

Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

- ⊖ [View AT04-12PB-BM04 on WIN SOURCE](#)
- ⊖ [Amphenol Sine Systems Corp Information](#)

Optimize Your Supply Chain with WIN SOURCE Solutions

- ✓ Global Sourcing Solution
- ✓ Obsolete Management
- ✓ Cost Control Management
- ✓ Shortage Management
- ✓ Alternative Solution
- ✓ Excess Inventory Management