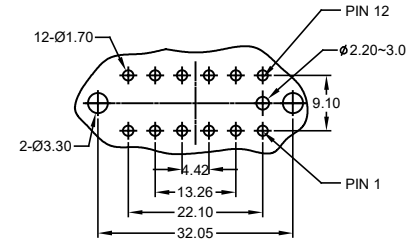
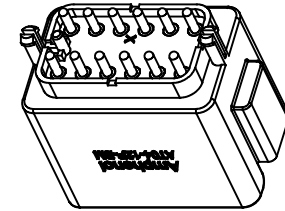
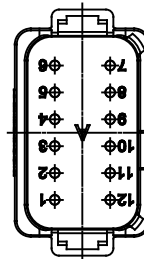
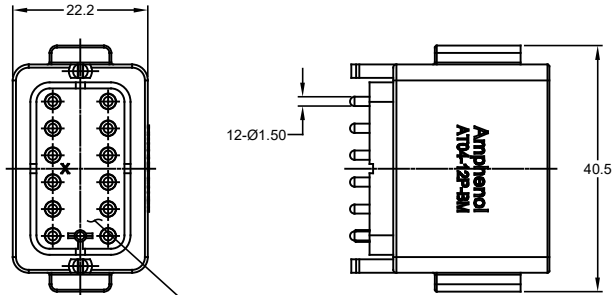
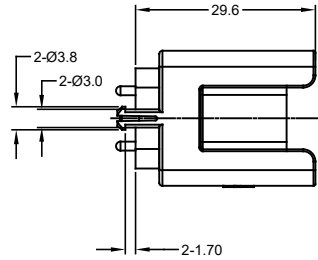


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE NEW DWG FORMAT	NOV/07/15	SULLEN	TOMMY
A2	-	REVISE DRAWING	10JUL20	JHEAD	DH



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

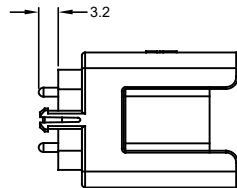
3. MODIFICATIONS: PCB MOUNT

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.

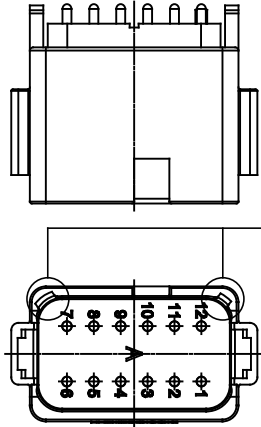


QUANTITY	PART NUMBER	DESCRIPTION	ITEM
<b>MATERIALS LIST</b>			
UNLESS OTHERWISE SPECIFIED 1) All dimensions are in metric(mm). 2) Tolerances are as follows: 1 PL. DEC ±0.30   Fractions ±1/64 2 PL. DEC ±0.15 3 PL. DEC ±0.08 3) Note reference =		SIGNATURES	DATE
		DRAWN: SULLEN ZHANG	07/NOV/15
		CHECKED: ORION LI	07/NOV/15
		ENGINEER:	
		APPROVAL: TOMMY XIE	07/NOV/15
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 C-	TYPE: AT04-12PX-BMXX
		SCALE: NONE	REVISION: A2
			SHEET 1 OF 2

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

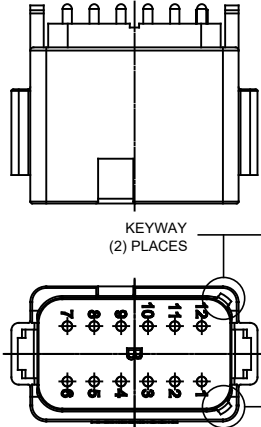
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE NEW DWG FORMAT	NOV/07/15	SULLEN	TOMMY
A2	-	REVISE DRAWING	10JUL20	JHEAD	DH

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



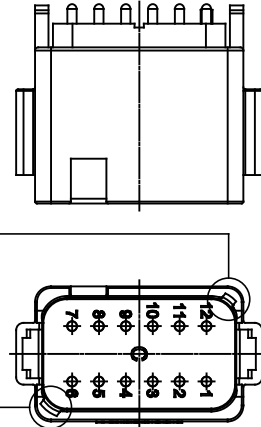
KEYWAY  
(2) PLACES

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



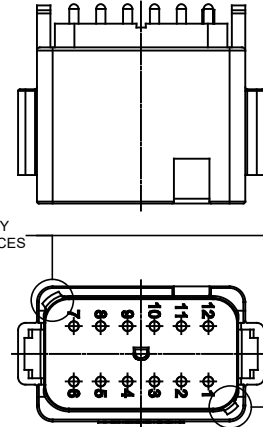
KEYWAY  
(2) PLACES

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

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		ITEM
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 =		SIGNATURES	DATE	 Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036  <b>BOARDLOCK PCB MOUNT RECEPTACLE, 12 PIN, STRAIGHT, A SERIES</b>		
MATERIAL SPECIFICATIONS:		DRAWN: SULLENZHANG	07/NOV/15			
PROCESS SPECIFICATIONS:		CHECKED: ORIONLI	07/NOV/15			
NEXT ASSY:		ENGINEER:				
		APPROVAL: TOMMY.XIE	07/NOV/15	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.		
		CUSTOMER:		SIZE: <b>B C-</b>	DWG NO: <b>AT04-12PX-BMXX</b>	REVISION: <b>A2</b>
				SCALE: <b>NONE</b>	SHEET <b>2</b> OF <b>2</b>	