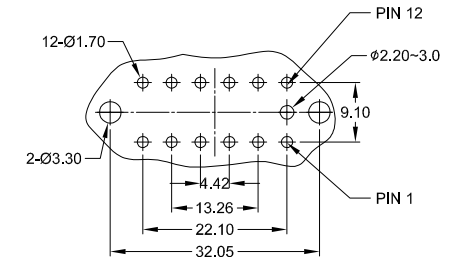
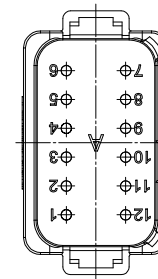
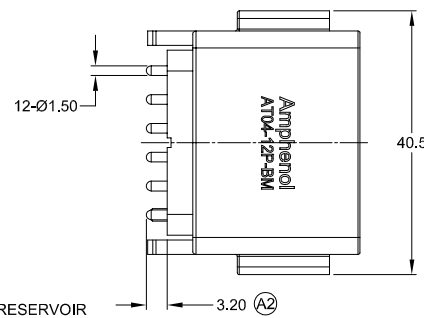
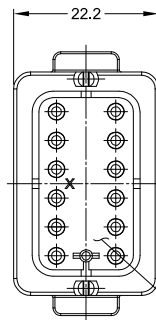
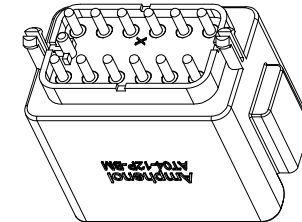
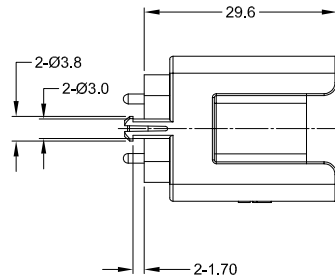
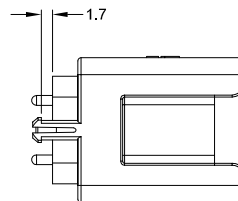


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE NEW DWG FORMAT	NOV/07/15	SULLEN	TOMMY
A2	-	ADD 3.20 DIMENSION	22/JAN/16	SULLEN	TOMMY



RECOMMENDED LAYOUT  
VIEW FROM COMPONENTS  
SIDE OF PCB



NOTES: UNLESS OTHERWISE SPECIFIED

SEE SHEET 2 FOR KEY ARRANGEMENTS AND COLORS.

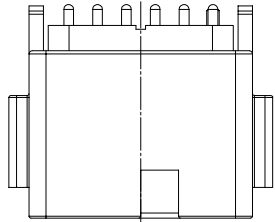
2. MATERIAL:  
HOUSING: THERMOPLASTIC; COLOR: SEE SHEET 2  
CONTACT: COPPER ALLOY
3. MODIFICATIONS: PCB MOUNT
4. SPECIFICATIONS:
  - 3.1 CURRENT RATING: 13 AMPS
  - 3.2 OPERATING TEMPERATURE: -55°C TO +125°C
  - 3.3 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.
  - 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.

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

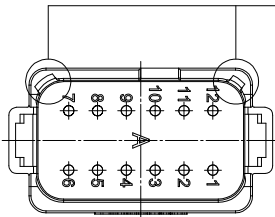
QUANTITY	PART NUMBER	DESCRIPTION	ITEM
<b>MATERIALS LIST</b>			
UNLESS OTHERWISE SPECIFIED 1) All dimensions are in metric (mm). 2) Tolerances are as follows: 1 PL DEC ±0.30 2 PL DEC ±0.15 3 PL DEC ±0.08		SIGNATURES      DATE DRAWN: SULLEN,ZHANG      22/JAN/16 CHECKED: ORION,LI      22/JAN/16 ENGINEER: APPROVAL: TOMMY,XIE      22/JAN/16 CUSTOMER:	
3) Note reference =		<b>Amphenol</b> Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036	
MATERIAL SPECIFICATIONS:		RECEPTACLE, 12 PIN, PCB, BOARD MOUNT	
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	TYPE	DWG NO:
	B	C-	AT04-12PX-BMXX
	SCALE:	NONE	REVISION A2
			SHEET 1 OF 2

REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE NEW DWG FORMAT	NOV/07/15	SULLEN	TOMMY
A2	-	ADD 3.20 DIMENSION	22/JAN/16	SULLEN	TOMMY

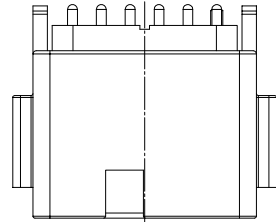
P/N AT04-12PA-BMXX  
KEY-A CONFIGURATION  
COLOR: GREY



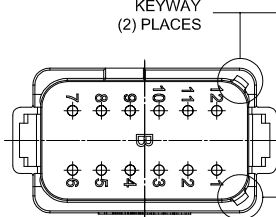
KEYWAY  
(2) PLACES



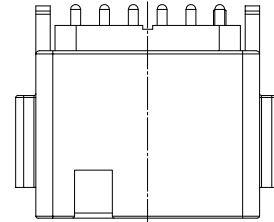
P/N AT04-12PB-BMXX  
KEY-B CONFIGURATION  
COLOR: BLACK



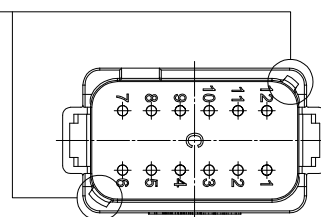
KEYWAY  
(2) PLACES



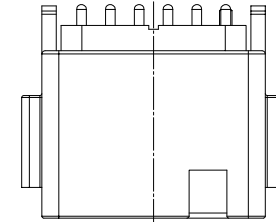
P/N AT04-12PC-BMXX  
KEY-C CONFIGURATION  
COLOR: GREEN



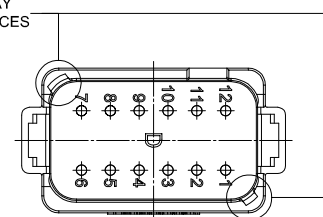
KEYWAY  
(2) PLACES



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		DESCRIPTION		ITEM
QUANTITY	PART NUMBER	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		DATE		
DRAWN: SULLEN,ZHANG		22/JAN/16		
CHECKED: ORION,LI		22/JAN/16		
ENGINEER:				
APPROVAL: TOMMY,XIE		22/JAN/16		
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:		SCALE: NONE		
		SIZE TYPE DWG NO:		REVISION
		B C- AT04-12PX-BMXX		A2
		SCALE: NONE		SHEET 2 OF 2

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