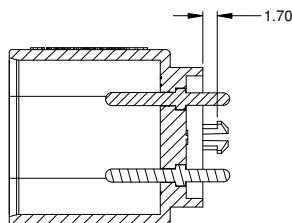


RECOMMENDED LAYOUT
VIEW FROM COMPONENTS
SIDE OF PCB




SECTION A-A

AT04-2P-BMXX VARIANTS		
CONTACT PLATING	POTTING OR NOT IN RESERVOIR	PART NUMBER
GOLD	NO POTTING	AT04-6P-BM01
GOLD	POTTING	AT04-6P-BM02
NICKEL	NO POTTING	AT04-6P-BM03
NICKEL	POTTING	AT04-6P-BM04

REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE NEW DWG FORMAT	SEP/24/14	ORION	
A2	-	UPDATE DRAWING	OCT/06/14	JARRY	
A3	-	UPDATE DRAWING	OCT/21/14	JARRY	
A4	-	ADD NICKEL PLATING VERSION	APR/24/15	ORION	
A5	-	CHANGE PC TAIL LENGTH	AUG/04/15	ORION	TOMMY
A6	-	REMOVE A DIMENSION AND ADD COLOR	AUG/10/15	ORION	TOMMY

NOTES: UNLESS OTHERWISE SPECIFIED

- MATERIAL:
HOUSING: THERMOPLASTIC; COLOR: BLACK
CONTACT: COPPER ALLOY
- MODIFICATIONS: PCB MOUNT
- 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
- MATING PART: AT06-6S* PLUG
(* = MODIFICATIONS AND COLORS)
- ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

SEE PART NUMBER				
CHART				
PART NUMBER		DESCRIPTION		ITEM
QUANTITY		MATERIALS LIST		
UNLESS OTHERWISE SPECIFIED		SIGNATURES		DATE
1) All dimensions are in metric (mm).		DRAWN: ORION LI		SEP/24/14
2) Tolerances are as follows:		CHECKED:		
1 PL DEC ±0.30		ENGINEER:		
2 PL DEC ±0.15		APPROVAL: TOMMY XIE		SEP/24/14
3 PL DEC ±0.08		CUSTOMER:		
3) Note reference = 		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:		Sine Systems - www.amphenol-sine.com		
		44724 Morley Drive		
		Clinton Township, MI 48036		
		RECEPTACLE, 6 PIN,		
		PCB, BOARD MOUNT		
PROCESS SPECIFICATIONS:		SIZE	TYPE	DWG NO:
		B	C-	AT04-6P-BMXX
NEXT ASSY:		SCALE:	NONE	SHEET 1 OF 1
				REVISION: A6

TITLE: RECEPTACLE, 6 PIN/PCB BOARD MOUNT
DWG NO.: AT04-6P-BMXX
REV: A6
SH: 1
OF: 1