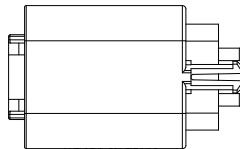
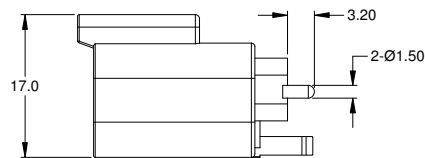
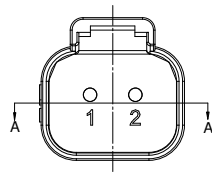
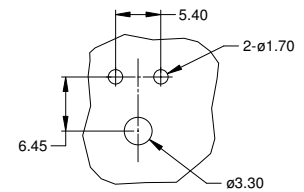
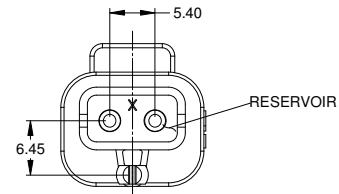
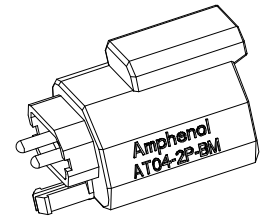


SECTION A-A



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



RECOMMENDED LAYOUT
VIEW FROM COMPONENTS
SIDE OF PCB

NOTES: UNLESS OTHERWISE SPECIFIED

- MATERIAL:
HOUSING: THERMOPLASTIC; COLOR: BLACK
CONTACT: COPPER ALLOY
- MODIFICATIONS: PCB MOUNT
- SPECIFICATIONS:
 - CURRENT RATING: 13 AMPS
 - OPERATING TEMPERATURE: -55°C TO +125°C
 - DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.
 - INSULATION RESISTANCE: 1000 MEGOHMS MIN @ 25°C.
 - MOISTURE RESISTANCE: IP67 (MATED CONDITION)
 - MATING CYCLE DURABILITY: 100 CYCLES
 - RoHS COMPLIANT
- MATING PART: AT06-2S* PLUG
(* = MODIFICATIONS AND COLORS)
- ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

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

SEE PART NUMBER		DESCRIPTION	
PART NUMBER		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 =		Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036	
SIGNATURES DRAWN: ORION LI CHECKED: ENGINEER: APPROVAL: TOMMY.XIE DATE: SEP/24/14		RECEPTACLE, 2 PIN, PCB, BOARD MOUNT	
MATERIAL SPECIFICATIONS:		SIZE: B C- SCALE: NONE	
PROCESS SPECIFICATIONS:		DWG NO: AT04-2P-BMXX	
NEXT ASSY:		REVISION: A5	
		SHEET 1 OF 1	

Mouser Electronics

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[Amphenol:](#)

[AT04-2P-BM03](#) [AT04-2P-BM01](#) [AT04-2P-BM02](#) [AT04-2P-BM04](#)