

NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL:

HOUSING: THERMOPLASTIC
CONTACT: COPPER ALLOY
PLATING: NICKEL UNDERPLATE
SEE CHART FOR OVERALL FINISH

2. MODIFICATIONS: RIGHT ANGLE PCB MOUNT, SCREW BOSS, KEYED, HOUSING COLOR

3. 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

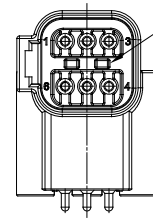
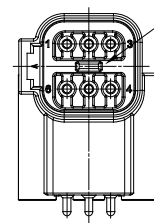
4. MATING PART: AT06-6S* PLUG
(* = MODIFICATIONS AND COLORS)

5. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

REVISIONS

REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE	19/MAR/19	BROOK	TOMMY
A2	-	MODIFIED DESCRIPTION	12JUL19	BROOK	TOMMY

ATF13-6PX-BM3X VARIANTS



PART NUMBER	CONTACT PLATING	HSG COLOR
ATF13-6P-BM31	GOLD	BLACK
ATF13-6P-BM33	TIN	BLACK

PART NUMBER	CONTACT PLATING	HSG COLOR
ATF13-6P2-BM31BLU	GOLD	BLUE
ATF13-6P2-BM33BLU	TIN	BLUE

SEE PART NUMBER CHART			
PART NUMBER		DESCRIPTION	
QUANTITY	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 DRAWN: BROOK DING 12/JUL/19 CHECKED: ORION LI 12/JUL/19 ENGINEER: APPROVAL: TOMMY XIE 12/JUL/19 CUSTOMER: 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:		DATE	
PROCESS SPECIFICATIONS:		DATE	
NEXT ASSY:		DATE	
SIZE		TYPE	
DWG NO.		REVISION	
SCALE: NONE		SHEET 1 OF 1	

Amphenol

Sine Systems - www.amphenol-sine.com
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Clinton Township, MI 48036

RIGHT ANGLE RECEPTACLE, AT 6 PIN,
SCREW BOSS, BOARDLOCK, EXT. HGT

B C- ATF13-6PX-BM3XXXX A2

Mouser Electronics

Authorized Distributor

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