

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

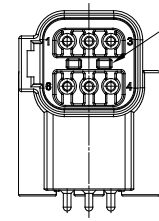
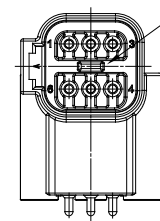
(* = MODIFICATIONS AND COLORS)

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		ITEM
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		DATE		
		DRAWN: BROOKING		12/JUL/19		
		CHECKED: ORION LI		12/JUL/19		
		ENGINEER:				
		APPROVAL: TOMMY XIE		12/JUL/19		
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: A		REVISION: A2
		SCALE: NONE		DWG NO: ATF13-6PX-BM3XXXX		SHEET 1 OF 1