



RECOMMENDED PCB LAYOUT

NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL:  
HOUSING: THERMOPLASTIC; COLOR: BLACK  
CONTACT: COPPER ALLOY  
PLATING: NICKEL UNDERPLATE  
SEE CHART FOR OVERALL FINISH
2. MODIFICATIONS: RIGHT ANGLE PCB MOUNT, SNAP FIT
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: AT06-4S\* PLUG  
(\* = MODIFICATIONS AND COLORS )
5. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

ATF13-4P-BM0X VARIANTS	
CONTACT PLATING	PART NUMBER
GOLD	ATF13-4P-BM01
TIN	ATF13-4P-BM03

REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE	2JUL18	JAH	
A2	-	UPDATE DRAWING	18/MAR/19	BROOK	TOMMY
A3	-	MODIFIED DESCRIPTION	12JUL19	BROOK	TOMMY

TITLE: RIGHT ANGLE RECEPT AT 4PIN SNAP FIT BOARDLOCK  
 DWG NO: ATF13-4P-BM0X  
 REV: A3  
 SH: 1  
 OF: 1

SEE PART NUMBER CHART		REF: DTF13-4P, DTF13-4P-G003		
PART NUMBER		DESCRIPTION		
QUANTITY	MATERIALS LIST			ITEM
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 Fractions ±1/64 Angles ±1°		SIGNATURES		DATE
3) Note reference =		DRAWN: BROOK DING		12/JUL/19
MATERIAL SPECIFICATIONS:		CHECKED: ORION LI		12/JUL/19
PROCESS SPECIFICATIONS:		APPROVAL: TOMMY XIE		12/JUL/19
NEXT ASSY:		CUSTOMER:		
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SIZE: B		TYPE: C-		DWG NO: ATF13-4P-BM0X
SCALE: NONE		SHEET 1 OF 1		REVISION: A3