



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, SCREW BOSS
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: AT06-2S* PLUG
(* = MODIFICATIONS AND COLORS)
5. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

ATF13-2P-BM1X VARIANTS	
CONTACT PLATING	PART NUMBER
GOLD	ATF13-2P-BM11
TIN	ATF13-2P-BM13

REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE	02JUL2018	JAH	
A2	-	UPDATE DRAWING	25/MAR/19	BROOK	TOMMY
A3	-	MODIFIED DESCRIPTION	12JUL19	BROOK	TOMMY

TITLE: RIGHT ANGLE RECEPT AT 2 PIN SCREW BOSS BOARDLOCK
DWG NO: ATF13-2P-BM1X
REV: A3
SH: 1
OF: 1

SEE PART NUMBER CHART		REF: DTF13-2P		ITEM
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 Fractions ±1/64 Angles ±1°		SIGNATURES	DATE	<p>Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036</p>
3) Note reference =		DRAWN: BROOKING	12/JUL/19	
MATERIAL SPECIFICATIONS:		CHECKED: ORION LI	12/JUL/19	
PROCESS SPECIFICATIONS:		ENGINEER:		
NEXT ASSY:		APPROVAL: TOMMY XIE	12/JUL/19	<p>RIGHT ANGLE RECEPTACLE, AT 2 PIN, SCREW BOSS, BOARDLOCK</p>
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		<p>SIZE: B C- DWG NO: ATF13-2P-BM1X</p>		<p>REVISION: A3</p>
		<p>SHEET 1 OF 1</p>		

Mouser Electronics

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