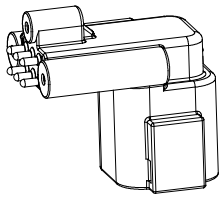
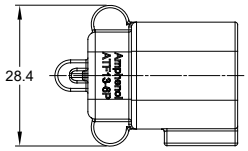
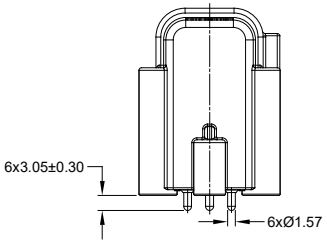
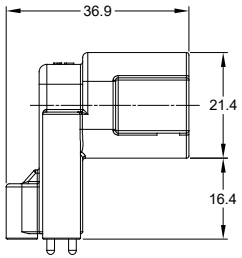
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE	19/MAR/19	BROOK	TOMMY
A2	-	MODIFIED DESCRIPTION	12JUL19	BROOK	TOMMY

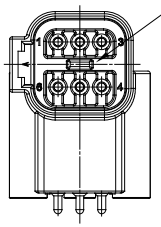


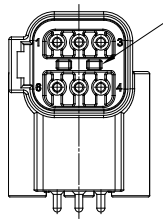






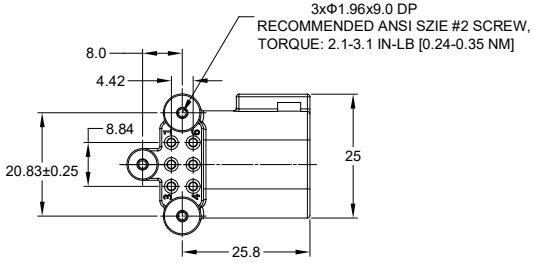
ATF13-6PX-BM3X VARIANTS





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



NOTES: UNLESS OTHERWISE SPECIFIED

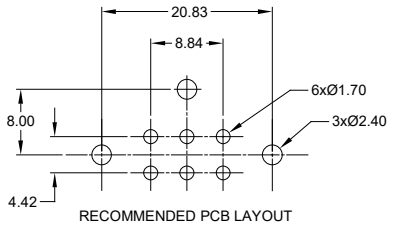
1. MATERIAL:
   HOUSING: THERMOPLASTIC
   CONTACT: COPPER ALLOY
   PLATING: NICKEL UNDERPLATE
   SEE CHART FOR OVERALL FINISH

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.



RECOMMENDED PCB LAYOUT

	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 | Fractions ±1/64
2 PL DEC ±0.15 | Angles ±1°
3 PL DEC ±0.08
3) Note reference = X

MATERIAL SPECIFICATIONS:

PROCESS SPECIFICATIONS:

NEXT ASSY:

SIGNATURES		DATE
DRAWN:	BROOK.DING	12/JUL/19
CHECKED:	ORION.LI	12/JUL/19
ENGINEER:		
APPROVAL:	TOMMY.XIE	12/JUL/19
CUSTOMER:		

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Amphenol

Sine Systems - www.amphenol-sine.com
44724 Morley Drive
Clinton Township, MI 48036

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

SIZE	TYPE	DWG NO:	REVISION
B	C-	ATF13-6PX-BM3XXXX	A2

SCALE: NONE SHEET 1 OF 1

TITLE: RIGHT ANGLE RECEPT AT 6 PIN SCREW BOSS BOARDLOCK EXT HGT
DWG NO: ATF13-6PX-BM3XXXX
REV: A2
SH: 1
OF: 1