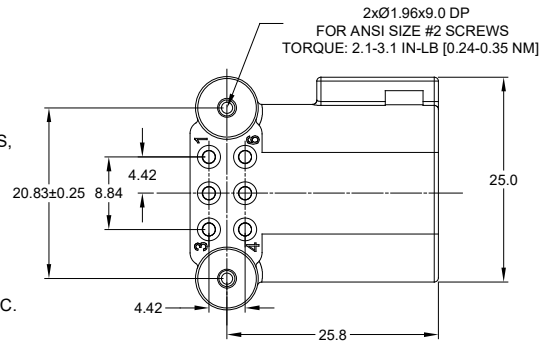
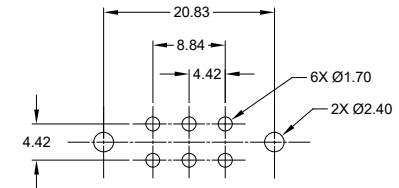


#### NOTES: UNLESS OTHERWISE SPECIFIED

- MATERIAL:**  
HOUSING: THERMOPLASTIC  
CONTACT: COPPER ALLOY  
PLATING: NICKEL UNDERPLATE  
SEE CHART FOR OVERALL FINISH
- MODIFICATIONS:** RIGHT ANGLE PCB MOUNT, SCREW BOSS, KEYED, HOUSING COLOR
- SPECIFICATIONS:**
  - CURRENT RATING: 13 AMPS
  - OPERATING TEMPERATURE: -55°C TO +125°C
  - DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.
  - INSULATION RESISTANCE: 1000 MEGOHMS MIN @ 25°C.
  - MOISTURE RESISTANCE: IP67 ( MATED CONDITION )
  - MATING CYCLE DURABILITY: 100 CYCLES
  - RoHS COMPLIANT
- MATING PART:** AT06-6S\* PLUG  
(\* = MODIFICATIONS AND COLORS )
- ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.**

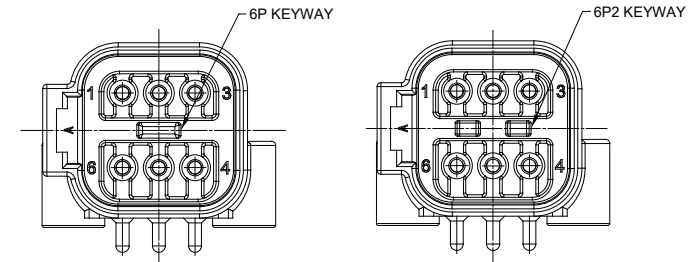


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE	7JUN2018	JAH	
A2	-	UPDATE DRAWING	19/MAR/19	BROOK	TOMMY
A3	-	MODIFIED DESCRIPTION	12JUL19	BROOK	TOMMY



#### RECOMMENDED PCB LAYOUT

#### ATF13-6PX-BM1X VARIANTS



PART NUMBER	CONTACT PLATING	HSG COLOR
ATF13-6P-BM11	GOLD	BLACK
ATF13-6P-BM13	TIN	BLACK

PART NUMBER	CONTACT PLATING	HSG COLOR
ATF13-6P2-BM11BLU	GOLD	BLUE
ATF13-6P2-BM13BLU	TIN	BLUE

SEE PART NUMBER CHART		REF: DTF134P, DTF134P-Q003, DTF134P2-Q003	
PART NUMBER		DESCRIPTION	
QUANTITY		ITEM	
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: BROOKING CHECKED: ORION LI ENGINEER: APPROVAL: TOMMY XIE DATE: 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:		SCALE: NONE	
SHEET 1 OF 1			

**Amphenol**  
Sine Systems - www.amphenol-sine.com  
44724 Morley Drive  
Clinton Township, MI 48036  
RIGHT ANGLE RECEPTACLE, AT 6 PIN,  
SCREW BOSS, BOARDLOCK

SIZE: B C- TYPE: ATF13-6PX-BM1XXXX REVISION: A3

TITLE: RIGHT ANGLE RECEPT, AT 6 PIN, SCREW BOSS, BOARDLOCK  
DWG NO.: ATF13-6PX-BM1X  
REV: A3  
SH: 1  
OF: 1

# Mouser Electronics

Authorized Distributor

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[ATF13-6P-BM11](#)