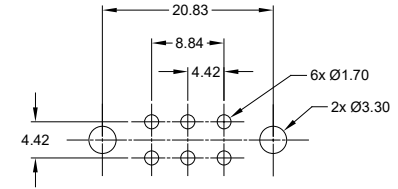


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE	7JUN2018	JAH	
A2	-	UPDATE DRAWING	18/MAR/19	BROOK	TOMMY
A3	-	MODIFIED DESCRIPTION	12JUL19	BROOK	TOMMY



RECOMMENDED PCB LAYOUT

NOTES: UNLESS OTHERWISE SPECIFIED

- MATERIAL:
HOUSING: THERMOPLASTIC
CONTACT: COPPER ALLOY
PLATING: NICKEL UNDERPLATE
SEE CHART FOR OVERALL FINISH
- MODIFICATIONS: RIGHT ANGLE PCB MOUNT, SNAP FIT, KEYED, HOUSING COLOR
- 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
- MATING PART: AT06-6S* PLUG
(* = MODIFICATIONS AND COLORS)
- ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

ATF13-6PX-BM0X VARIANTS

6P KEYWAY

6P2 KEYWAY

PART NUMBER	CONTACT PLATING	HSG COLOR	PART NUMBER	CONTACT PLATING	HSG COLOR
ATF13-6P-BM01	GOLD	BLACK	ATF13-6P2-BM01BLU	GOLD	BLUE
ATF13-6P-BM03	TIN	BLACK	ATF13-6P2-BM03BLU	TIN	BLUE

SEE PART NUMBER CHART		REF: DTF136P, DTF136P-G003, DTF136P2-G003	
	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			
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:		SCALE: NONE	REVISION: A3

Amphenol

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

RIGHT ANGLE RECEPTACLE, AT 6 PIN, SNAP FIT, BOARDLOCK

TITLE: RIGHT ANGLE RECEPT AT 6PIN SNAP FIT BOARDLOCK
DWG NO: ATF13-6PX-BM0XXXX
REV: A3
SH: 1
OF: 1