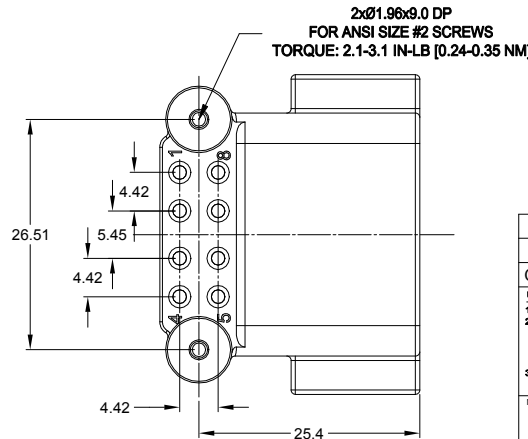


RECOMMENDED PCB LAYOUT



REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE	2JUL2018	JAH	
A2	-	UPDATE DRAWING	18/MAR/19	BROOK	TOMMY

NOTES: UNLESS OTHERWISE SPECIFIED

1. SEE SHEET 2 FOR KEY ARRANGEMENTS AND COLORS.

2. MATERIAL:  
 HOUSING: THERMOPLASTIC; COLOR: SEE SHEET 2  
 CONTACT: COPPER ALLOY  
 PLATING: NICKEL UNDERPLATE  
 SEE CHART FOR OVERALL FINISH

3. MODIFICATIONS: RIGHT ANGLE PCB MOUNT, SCREW BOSS

4. SPECIFICATIONS:  
 4.1 CURRENT RATING: 13 AMPS  
 4.2 OPERATING TEMPERATURE: -55°C TO +125°C  
 4.3 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.  
 4.4 INSULATION RESISTANCE: 1000 MEGOHMS MIN @ 25°C.  
 4.5 MOISTURE RESISTANCE: IP67 ( MATED CONDITION )  
 4.6 MATING CYCLE DURABILITY: 100 CYCLES  
 4.7 RoHS COMPLIANT

5. MATING PART: AT06-08SX\* PLUG  
 ( X = A,B,C,D KEYS; \* = MODIFICATIONS AND COLORS )

6. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

SEE PART NUMBER CHART		DESCRIPTION		ITEM
QUANTITY	PART NUMBER	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 =				
MATERIAL SPECIFICATIONS:		SIGNATURES	DATE	
PROCESS SPECIFICATIONS:		DRAWN: BROOKING	18/MAR/19	
NEXT ASSY:		CHECKED: ORICLI	18/MAR/19	
		ENGINEER:		
		APPROVAL: TOMMY.XIE	18/MAR/19	
		CUSTOMER:		
		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.		
		SIZE	TYPE	DWG NO.
		B C-	ATF13-08PX-BM1X	A2
		SCALE	NONE	
		SHEET 1 OF 2		

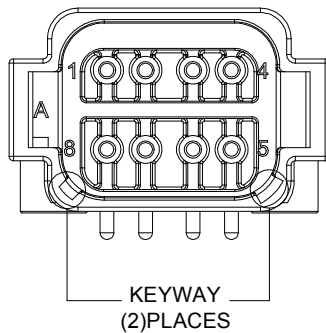
TITLE: RIGHT ANGLE RECEPT, AT 8 PIN, SCREW BOSS,BOARD MOUNT  
 DWG NO.: ATF13-08PX-BM1X  
 REV: A2  
 SH: 1  
 OF: 2

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

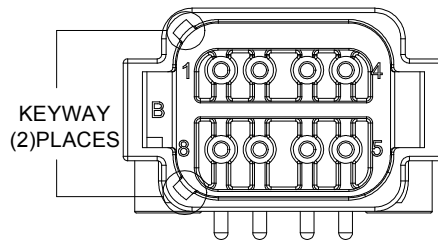
RIGHT ANGLE RECEPTACLE, AT 8 PIN,  
 SCREW BOSS,BOARD MOUNT

REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE	2JUL2018	JAH	
A2	-	UPDATE DRAWING	18/MAR/19	BROOK	TOMMY

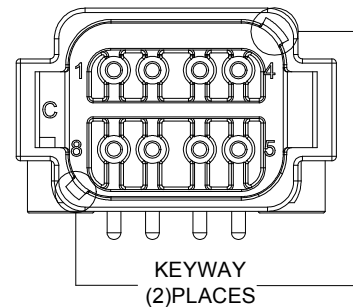
P/N ATF13-08PA-BM1X  
KEY-A CONFIGURATION  
COLOR: GREY



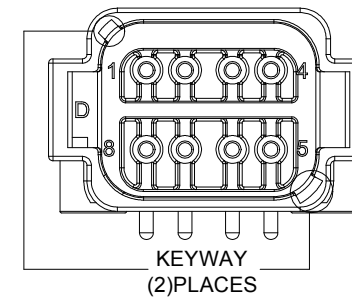
P/N ATF13-08PB-BM1X  
KEY-B CONFIGURATION  
COLOR: BLACK



P/N ATF13-08PC-BM1X  
KEY-C CONFIGURATION  
COLOR: GREEN



P/N ATF13-08PD-BM1X  
KEY-D CONFIGURATION  
COLOR: BROWN



ATF13-08PA-BM1X VARIANTS	
CONTACT PLATING	PART NUMBER
GOLD	ATF13-08PA-BM11
TIN	ATF13-08PA-BM13

ATF13-08PB-BM1X VARIANTS	
CONTACT PLATING	PART NUMBER
GOLD	ATF13-08PB-BM11
TIN	ATF13-08PB-BM13

ATF13-08PC-BM1X VARIANTS	
CONTACT PLATING	PART NUMBER
GOLD	ATF13-08PC-BM11
TIN	ATF13-08PC-BM13

ATF13-08PD-BM1X VARIANTS	
CONTACT PLATING	PART NUMBER
GOLD	ATF13-08PD-BM11
TIN	ATF13-08PD-BM13

SEE PART NUMBER CHART		DESCRIPTION		ITEM
QUANTITY	PART NUMBER			
<b>MATERIALS LIST</b>				
<b>UNLESS OTHERWISE SPECIFIED</b> 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° 3) Note reference =		<b>SIGNATURES</b> <b>DATE</b> DRAWN: BROOKDING    18/MAR/19 CHECKED: ORIONLI    18/MAR/19 ENGINEER: APPROVAL: TOMMY.XIE    18/MAR/19 CUSTOMER:		<h1>Amphenol</h1> <p>Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036</p>
MATERIAL SPECIFICATIONS: PROCESS SPECIFICATIONS: NEXT ASSY:		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.		<b>RIGHT ANGLE RECEPTACLE, AT 8 PIN, SCREW BOSS, BOARD MOUNT</b>  <b>SIZE</b> TYPE DWG NO: <b>REVISION</b> <b>B C-</b> ATF13-8PX-BM1X <b>A2</b> SCALE NONE SHEET 2 OF 2

TITLE: RIGHT ANGLE RECEPT AT 8 PIN, SCREW BOSS BOARD MOUNT    DWG NO: ATF13-8PX-BM1X    REV: A2    SH: 2    OF: 2