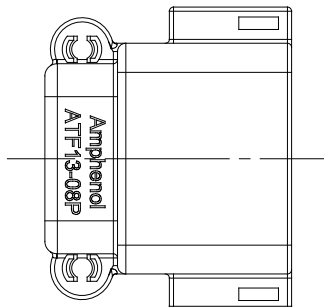
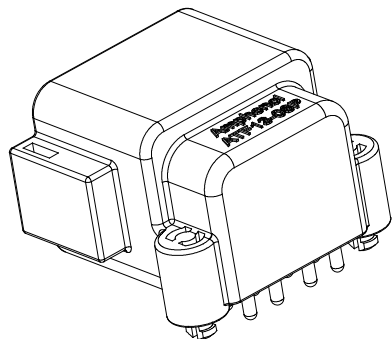


RECOMMENDED PCB LAYOUT

NOTES: UNLESS OTHERWISE SPECIFIED

1. SEE SHEET 2 FOR KEY ARRANGEMENTS AND COLORS.

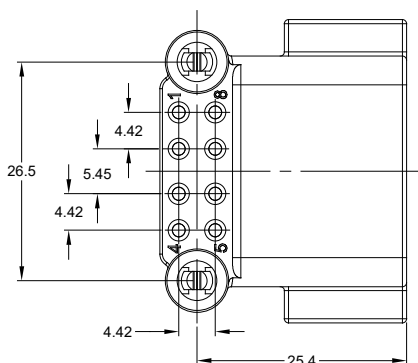
2. MATERIAL:
HOUSING: THERMOPLASTIC; COLOR: SEE SHEET 2
CONTACT: COPPER ALLOY
PLATING: NICKEL UNDERPLATE
SEE CHART FOR OVERALL FINISH

3. MODIFICATIONS: RIGHT ANGLE PCB MOUNT, SNAP FIT

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.



REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE	2JUL2018	JAH	
A2	-	UPDATE DRAWING	25/MAR/19	BROOK	TOMMY
A3	-	MODIFIED DESCRIPTION	12JUL19	BROOK	TOMMY

TITLE: RIGHT ANGLE RECEPTACLE, AT 8 PIN, SNAP FIT, BOARDLOCK

DWG NO:

ATF13-08PX-BM0X

REV: A3

SH: 1

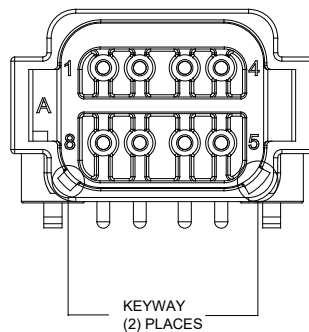
QF: 2

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 2 PL DEC ±0.15 3 PL DEC ±0.08 3) Note reference = 		SIGNATURES		DATE		Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036 RIGHT ANGLE RECEPTACLE, AT 8 PIN, SNAP FIT, BOARDLOCK	
MATERIAL SPECIFICATIONS:		DRAWN: BROOK DING		12/JUL/19			
		CHECKED: ORION LI		12/JUL/19			
		ENGINEER:					
		APPROVAL: TOMMY XIE		12/JUL/19			
PROCESS SPECIFICATIONS:		CUSTOMER:					
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.					

SIZE	TYPE	DWG NO:	REVISION
B	C-	ATF13-08PX-BM0X	A3
SCALE:	NONE		SHEET 1 OF 2

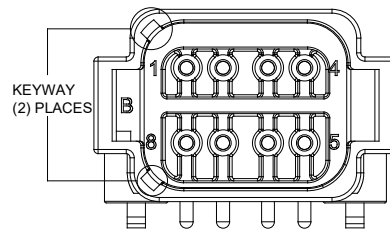
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE	2JUL2018	JAH	
A2	-	UPDATE DRAWING	25/MAR/19	BROOK	TOMMY
A3	-	MODIFIED DESCRIPTION	12JUL19	BROOK	TOMMY

P/N ATF13-08PA-BM0X
KEY-A CONFIGURATION
COLOR: GREY



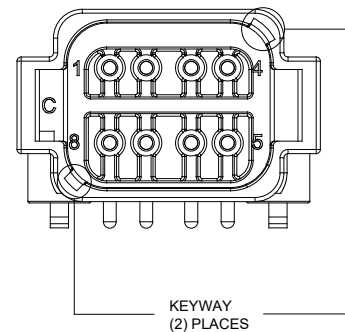
ATF13-08PA-BM0X VARIANTS	
CONTACT PLATING	PART NUMBER
GOLD	ATF13-08PA-BM01
TIN	ATF13-08PA-BM03

P/N ATF13-08PB-BM0X
KEY-B CONFIGURATION
COLOR: BLACK



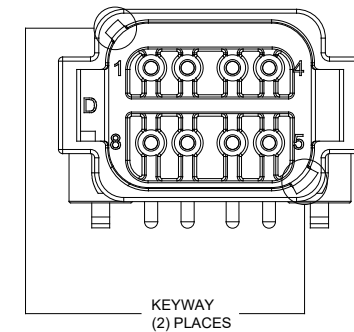
ATF13-08PB-BM0X VARIANTS	
CONTACT PLATING	PART NUMBER
GOLD	ATF13-08PB-BM01
TIN	ATF13-08PB-BM03

P/N ATF13-08PC-BM0X
KEY-C CONFIGURATION
COLOR: GREEN



ATF13-08PC-BM0X VARIANTS	
CONTACT PLATING	PART NUMBER
GOLD	ATF13-08PC-BM01
TIN	ATF13-08PC-BM03

P/N ATF13-08PD-BM0X
KEY-D CONFIGURATION
COLOR: BROWN



ATF13-08PD-BM0X VARIANTS	
CONTACT PLATING	PART NUMBER
GOLD	ATF13-08PD-BM01
TIN	ATF13-08PD-BM03

SEE PART NUMBER CHART				
PART NUMBER		DESCRIPTION		ITEM
QUANTITY	MATERIALS LIST			
UNLESS OTHERWISE SPECIFIED		SIGNATURES		DATE
1) All dimensions are in metric(mm).		DRAWN:	BROOK DING	12/JUL/19
2) Tolerances are as follows:		CHECKED:	ORION LI	12/JUL/19
1 PL DEC ± 0.30		ENGINEER:		
2 PL DEC ± 0.15		APPROVAL:		TOMMY XIE
3 PL DEC ± 0.08		CUSTOMER:		12/JUL/19
3) Note reference = $\triangle$				
MATERIAL SPECIFICATIONS:				
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:				
		SIZE: B C-		DWG NO: ATF13-08PX-BM0X
		SCALE: NONE		REVISION: A3
		SHEET 2		OF 2

TITLE: RIGHT ANGLE RECEPTACLE, AT 8 PIN, SNAP FIT, BOARD LOCK
DWG NO: ATF13-08PX-BM0X
REV: A3
SH: 2
OF: 2

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Amphenol:](#)

[ATF13-08PA-BM03](#)