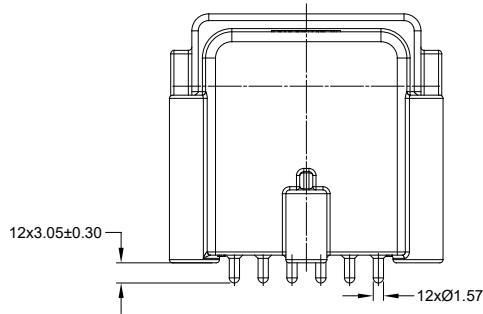
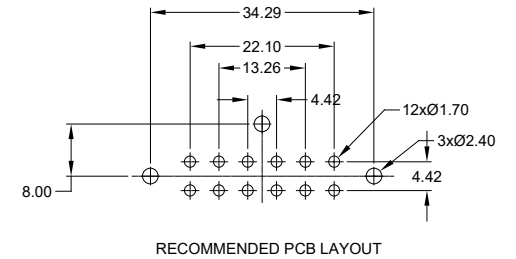
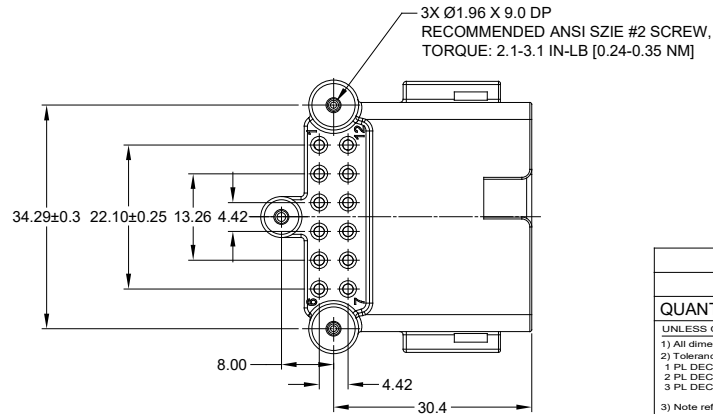




NOTES: UNLESS OTHERWISE SPECIFIED

 SEE SHEET 2 FOR KEY ARRANGEMENTS AND COLORS.

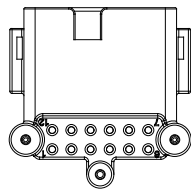
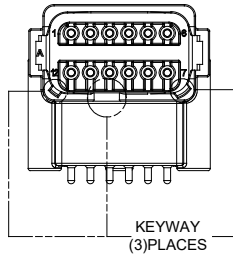
2. MATERIAL:
HOUSING: THERMOPLASTIC; COLOR: SEE SHEET 2
CONTACT: COPPER ALLOY
PLATING: NICKEL UNDERPLATE
SEE CHART FOR OVERALL FINISH
3. MODIFICATIONS: RIGHT ANGLE PCB MOUNT,
EXTENDED SCREW BOSS
4. SPECIFICATIONS:
 - 4.1 CURRENT RATING: 13 AMPS
 - 4.2 OPERATING TEMPERATURE: -55°C TO +125°C
 - 4.3 DIELECTRIC 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: AT06-12SX* PLUG
(X = A,B,C,D KEYS; * = MODIFICATIONS AND COLORS)
6. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.



		SEE PART NUMBER CHART			
		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 1 Fractions ±1/64 2 PL DEC ±0.15 3 PL DEC ±0.08 3) Note reference = 		SIGNATURES DATE DRAWN: BROOK.DING 12/JUL/19 CHECKED: ORION.LI 12/JUL/19 ENGINEER: APPROVAL: TOMMY.XIE 12/JUL/19 CUSTOMER:		 Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036	
MATERIAL 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.		RIGHT ANGLE RECEPTACLE, AT 12 PIN, SCREW BOSS,BOARDLOCK, EXT. HGT	
PROCESS SPECIFICATIONS:		SIZE TYPE DWG NO. REVISION B C- ATF13-12PX-BM3X A2			
NEXT ASSY:		SCALE: NONE		SHEET 1 OF 2	

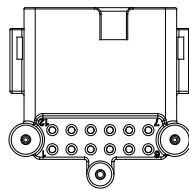
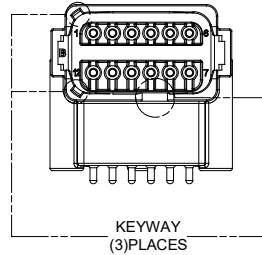
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE	25/MAR/19	BROOK	TOMMY
A2	-	MODIFIED DESCRIPTION	12JUL19	BROOK	TOMMY

P/N ATF13-12PA-BM3X
KEY-A CONFIGURATION
STANDARD COLOR: GREY



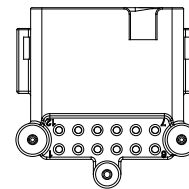
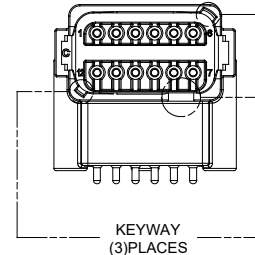
ATF13-12PA-BM3X VARIANTS	
CONTACT PLATING	PART NUMBER
GOLD	ATF13-12PA-BM31
TIN	ATF13-12PA-BM33

P/N ATF13-12PB-BM3X
KEY-B CONFIGURATION
STANDARD COLOR: BLACK



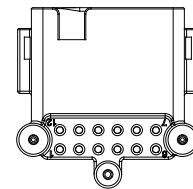
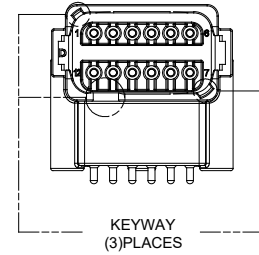
ATF13-12PB-BM3X VARIANTS	
CONTACT PLATING	PART NUMBER
GOLD	ATF13-12PB-BM31
TIN	ATF13-12PB-BM33

P/N ATF13-12PC-BM3X
KEY-C CONFIGURATION
STANDARD COLOR: GREEN



ATF13-12PC-BM3X VARIANTS	
CONTACT PLATING	PART NUMBER
GOLD	ATF13-12PC-BM31
TIN	ATF13-12PC-BM33

P/N ATF13-12PD-BM3X
KEY-D CONFIGURATION
STANDARD COLOR: BROWN



ATF13-12PD-BM3X VARIANTS	
CONTACT PLATING	PART NUMBER
GOLD	ATF13-12PD-BM31
TIN	ATF13-12PD-BM33

SEE PART NUMBER CHART		DESCRIPTION		ITEM
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 12 PIN, SCREW BOSS,BOARDLOCK, EXT. HGT
		DRAWN: BROOK DING	12/JUL/19	
		CHECKED: ORION LI	12/JUL/19	
		ENGINEER:		
MATERIAL SPECIFICATIONS:		APPROVAL: TOMMY XIE	12/JUL/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.		
PROCESS SPECIFICATIONS:		SIZE	TYPE	DWG NO.
NEXT ASSY:		B	C-	ATF13-12PX-BM3X
		SCALE: NONE	SHEET 2 OF 2	

Mouser Electronics

Authorized Distributor

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[Amphenol:](#)

[ATF13-12PC-BM31](#)