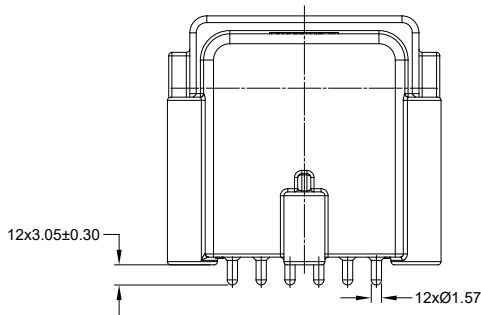
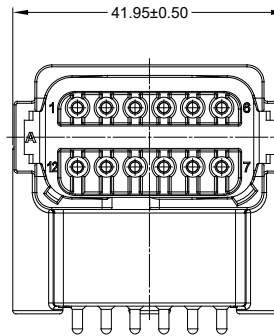
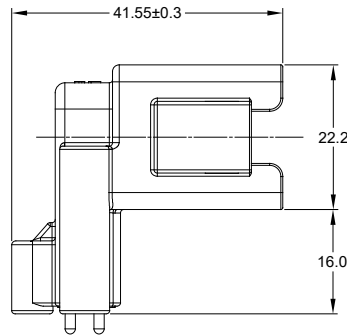
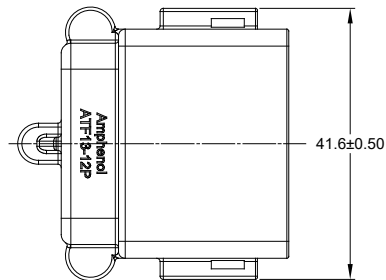
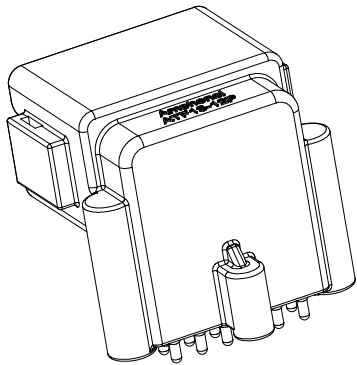
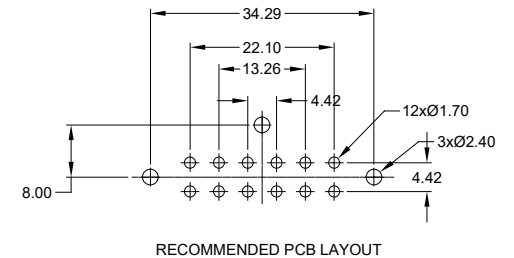
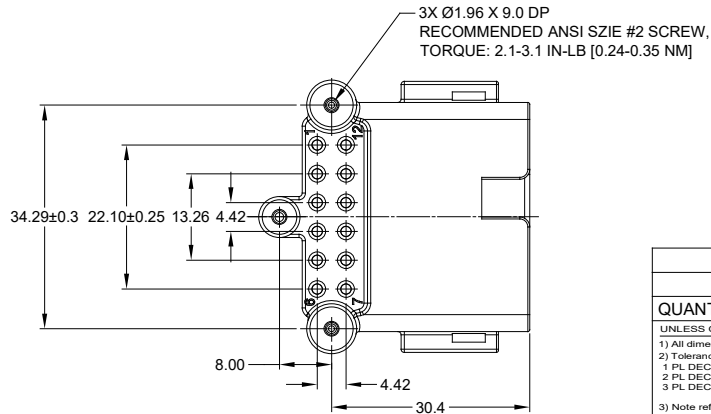




NOTES: UNLESS OTHERWISE SPECIFIED

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.

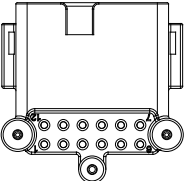
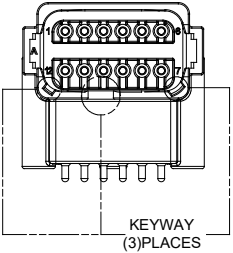


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE	25/MAR/19	BROOK	TOMMY
A2	-	MODIFIED DESCRIPTION	12JUL19	BROOK	TOMMY

SEE PART NUMBER CHART		PART NUMBER		DESCRIPTION		ITEM
QUANTITY		MATERIALS LIST				
UNLESS OTHERWISE SPECIFIED		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
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	12/JUL/19		
3 PL DEC ±0.08		CUSTOMER:				
3) Note reference =		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		REVISION
MATERIAL SPECIFICATIONS:		TYPE		DWG NO.		A2
PROCESS SPECIFICATIONS:		B C-		ATF13-12PX-BM3X		
NEXT ASSY:		SCALE		NONE		SHEET 1 OF 2

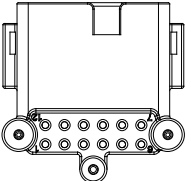
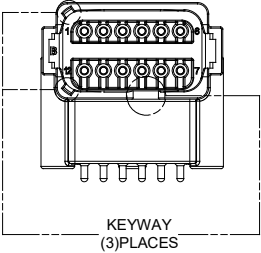
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE	25/MAR/19	BROOK	TOMMY
A2	-	MODIFIED DESCRIPTION	12JUL19	BROOK	TOMMY

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



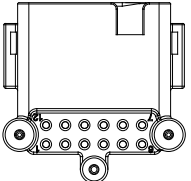
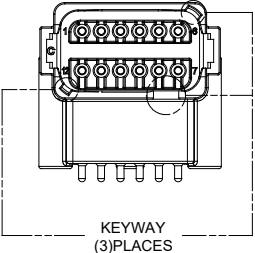
ATF13-12PA-BM3X VARIANTS	
CONTACT PLATING	PART NUMBER
GOLD	ATF13-12PA-BM31
TIN	ATF13-12PA-BM33

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



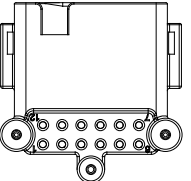
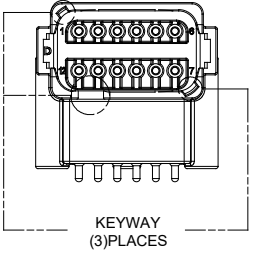
ATF13-12PB-BM3X VARIANTS	
CONTACT PLATING	PART NUMBER
GOLD	ATF13-12PB-BM31
TIN	ATF13-12PB-BM33

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			
	PART NUMBER		DESCRIPTION	ITEM
QUANTITY	MATERIALS LIST			
UNLESS OTHERWISE SPECIFIED		Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036 RIGHT ANGLE RECEPTACLE, AT 12 PIN, SCREW BOSS,BOARDLOCK, EXT. HGT		
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:				
PROCESS SPECIFICATIONS:				
NEXT ASSY:				

TITLE: RIGHT ANGLE RECEPT, AT 12 PIN, SCREW BOSS, BOARDLOCK, EXT. HGT
DWG NO.: ATF13-12PX-BM3X
REV: A2
SH: 2
OF: 2

Mouser Electronics

Authorized Distributor

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[ATF13-12PB-BM31](#)