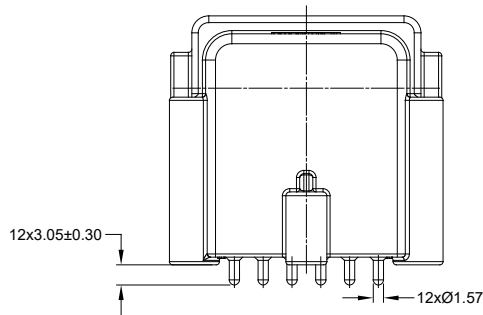
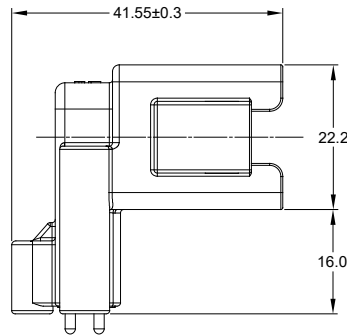
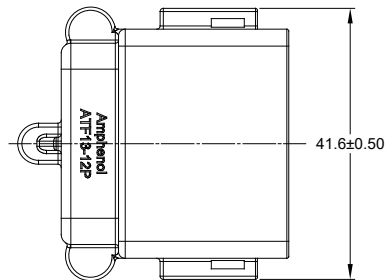
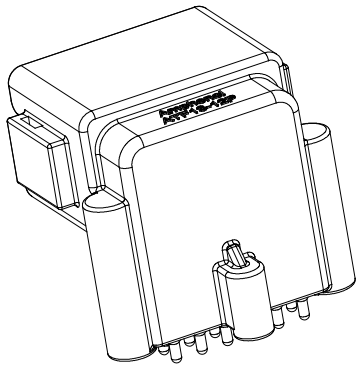
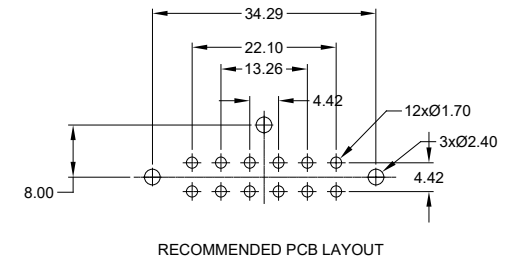
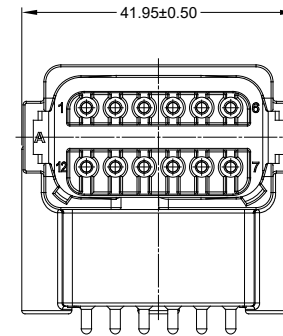




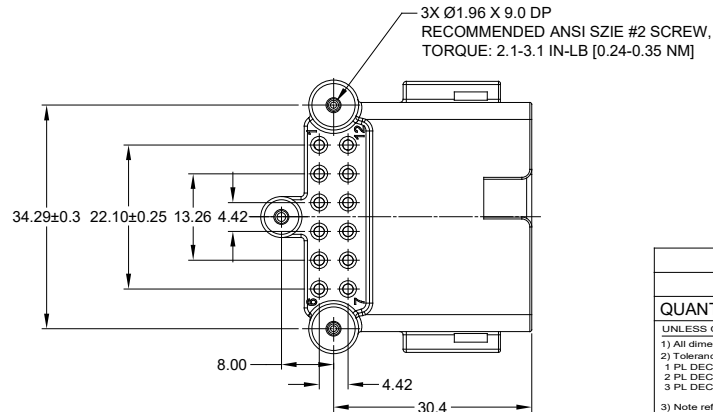
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE	25/MAR/19	BROOK	TOMMY
A2	-	MODIFIED DESCRIPTION	12JUL19	BROOK	TOMMY



NOTES: UNLESS OTHERWISE SPECIFIED

SEE SHEET 2 FOR KEY ARRANGEMENTS AND COLORS.

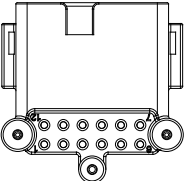
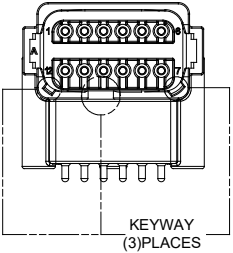
- MATERIAL:
HOUSING: THERMOPLASTIC; COLOR: SEE SHEET 2
CONTACT: COPPER ALLOY
PLATING: NICKEL UNDERPLATE
SEE CHART FOR OVERALL FINISH
- MODIFICATIONS: RIGHT ANGLE PCB MOUNT,
EXTENDED SCREW BOSS
- SPECIFICATIONS:
4.1 CURRENT RATING: 13 AMPS
4.2 OPERATING TEMPERATURE: -55°C TO +125°C
4.3 DIELECTRIC WITHSTANDING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



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

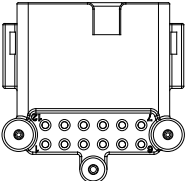
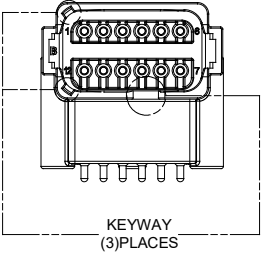
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE	25/MAR/19	BROOK	TOMMY
A2	-	MODIFIED DESCRIPTION	12JUL19	BROOK	TOMMY

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



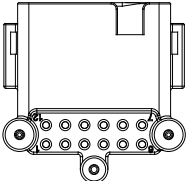
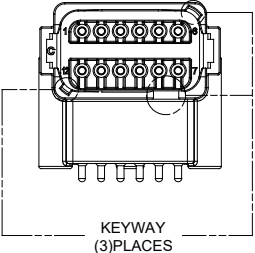
ATF13-12PA-BM3X VARIANTS	
CONTACT PLATING	PART NUMBER
GOLD	ATF13-12PA-BM31
TIN	ATF13-12PA-BM33

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



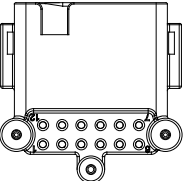
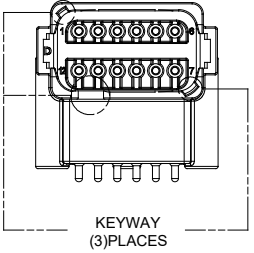
ATF13-12PB-BM3X VARIANTS	
CONTACT PLATING	PART NUMBER
GOLD	ATF13-12PB-BM31
TIN	ATF13-12PB-BM33

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		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		12/JUL/19	
3 PL DEC ±0.08		CUSTOMER:			
3) Note reference = 					
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.			
PROCESS SPECIFICATIONS:					
NEXT ASSY:		SIZE		TYPE	DWG NO:
		B		C-	ATF13-12PX-BM3X
		SCALE:		NONE	
		SHEET		2	OF 2
		RIGHT ANGLE RECEPTACLE, AT 12 PIN, SCREW BOSS, BOARDLOCK, EXT. HGT			
		Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036			
		Amphenol			
		REVISION			
		A2			

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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