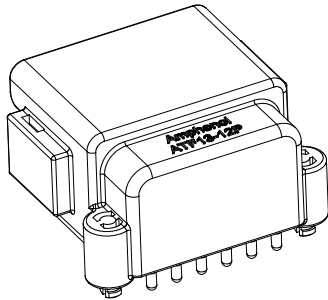
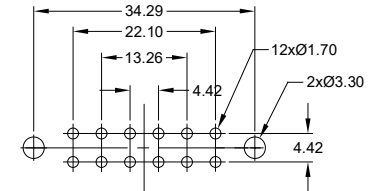
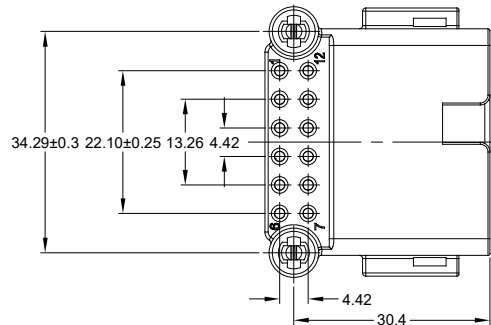


NOTES: UNLESS OTHERWISE SPECIFIED

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, 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: AT06-12SX* PLUG
(X = A,B,C,D KEYS; * = MODIFICATIONS AND COLORS)
6. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.



RECOMMENDED PCB LAYOUT

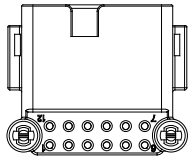
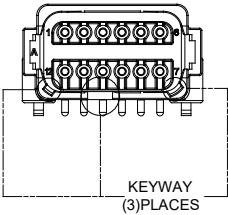
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE	02JUL2018	JAH	
A2	-	UPDATE DRAWING	25/MAR/19	BROOK	TOMMY
A3	-	MODIFIED DESCRIPTION	12JUL19	BROOK	TOMMY

SEE PART NUMBER CHART		REF: DTF13-12PA, DTF13-12PB, DTF13-12PC, DTF13-12PD, DTF13-12PA-G003	
PART NUMBER		DESCRIPTION	
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 DRAWN: BROOK.DING CHECKED: ORION.LI ENGINEER: APPROVAL: TOMMY.XIE CUSTOMER: DATE 12/JUL/19 12/JUL/19 12/JUL/19	Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036
MATERIAL SPECIFICATIONS:		RIGHT ANGLE RECEPTACLE, AT 12 PIN, SNAP FIT, BOARDLOCK	
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.	REVISION A3
NEXT ASSY:		SIZE TYPE B C- SCALE: NONE	DWG NO: ATF13-12PX-BMOX SHEET 1 OF 1

TITLE: RIGHT ANGLE RECEPT, AT 12 PIN, SNAP FIT, BOARDLOCK
DWG NO: ATF13-12PX-BMOX
REV: A3
SH: 1
OF: 2

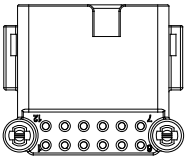
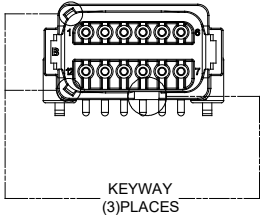
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE	02JUL2018	JAH	
A2	-	UPDATE DRAWING	25/MAR/19	BROOK	TOMMY
A3	-	MODIFIED DESCRIPTION	12JUL19	BROOK	TOMMY

P/N ATF13-12PA-BM0X
KEY-A CONFIGURATION
STANDARD COLOR: GREY



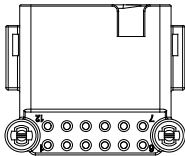
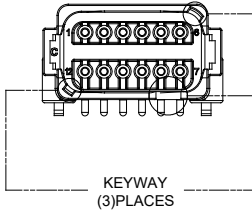
ATF13-12PA-BM0X VARIANTS	
CONTACT PLATING	PART NUMBER
GOLD	ATF13-12PA-BM01
TIN	ATF13-12PA-BM03

P/N ATF13-12PB-BM0X
KEY-B CONFIGURATION
STANDARD COLOR: BLACK



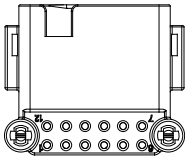
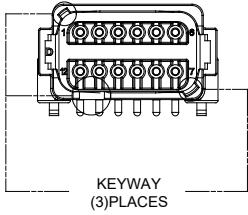
ATF13-12PB-BM0X VARIANTS	
CONTACT PLATING	PART NUMBER
GOLD	ATF13-12PB-BM01
TIN	ATF13-12PB-BM03

P/N ATF13-12PC-BM0X
KEY-C CONFIGURATION
STANDARD COLOR: GREEN



ATF13-12PC-BM0X VARIANTS	
CONTACT PLATING	PART NUMBER
GOLD	ATF13-12PC-BM01
TIN	ATF13-12PC-BM03

P/N ATF13-12PD-BM0X
KEY-D CONFIGURATION
STANDARD COLOR: BROWN



ATF13-12PD-BM0X VARIANTS	
CONTACT PLATING	PART NUMBER
GOLD	ATF13-12PD-BM01
TIN	ATF13-12PD-BM03

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 DRAWN: BROOK.DWG 12/JUL/19 CHECKED: ORION.LJ 12/JUL/19 ENGINEER: APPROVAL: TOMMY.XIE 12/JUL/19 CUSTOMER:		
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:		SIZE TYPE DWG NO. REVISION B C- ATF13-12PX-BM0X A3		
NEXT ASSY:		SCALE: NONE SHEET 2 OF 2		

Mouser Electronics

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