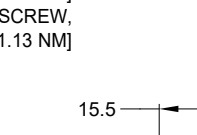
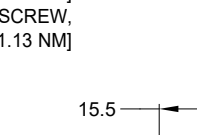


[illegible]

Technical drawing of the rear view of the 10-pin connector. The drawing shows the following dimensions:

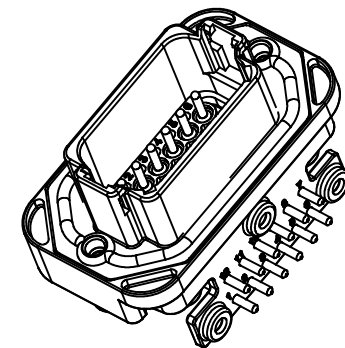
- Overall width: 39.5
- Pin pitch: 24.9
- Pin diameter: 3XØ6.6
- Pin spacing dimensions: 11.4, 6.1, 4.1
- Pin array dimensions: 4.4, 13.3, 22.1, 35.1, 43.2
- Label: PIN SPACER

3x $\varnothing 2.79 \pm 0.12$ 
0 [M3.12 x 1.27]
TORX SCREW,
[0.68-1.13 NM]



15.5
12X $\varnothing 1.58$
6.4
3.1 ± 0.4
38.6
3.9
22.2
35.3

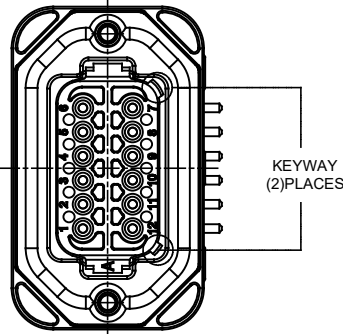
-
- A schematic diagram of a thermocouple assembly. It features a central rectangular block labeled "Amphenol" with multiple horizontal slots. To the left of this block is a vertical stack of eight rectangular components, each with a small circular feature. To the right is a vertical stack of four similar components. Above the central block is a circular component labeled "RESERVOIR". A line connects the "RESERVOIR" label to the circular component. The entire assembly is enclosed in a rounded rectangular frame with various internal connections and ports.



REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	--	RELEASE NEW DRAWING	19JUN18	JONY	TOMMY
A2	--	REVISED DRAWING	10JUL20	JHEAD	DH

AT13-12PX-BMXX		REF: DT13-12PA DT13-12PB DT13-12PC DT13-12PD DT13-12PA-G003 DT13-12PB-G003 DT13-12PC-G003 DT13-12PD-G003		
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 Fractions $\pm 1/64$ 2 PL DEC ± 0.15 Angles $\pm 1^\circ$ 3 PL DEC ± 0.08 3) Note reference = 		SIGNATURES DATE DRAWN: JONY XIE CHECKED: ORION LI ENGINEER: APPROVAL: TOMMY XIE CUSTOMER: 19JUN18 19JUN18 19JUN18 Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036 BOARDLOCK PCB MOUNT RECEPTACLE, 12 PIN, RA FLANGE, AT SERIES Amphenol B C DWG NO. AT13-12PX-BMXX REVISION A2		
PROCESS SPECIFICATIONS:		THIS DRAWING IS SUPPLIED FOR INFORMATION ONLY. DESIGN FEATURES, SPECIFICATIONS AND PERFORMANCE DATA SHOWN HEREIN ARE THE PROPERTY OF THE AMPHENOL CORPORATION. NO RIGHTS OF REPRODUCTION ARE IMPLIED. ALL DIMENSIONS ARE SUBJECT TO NORMAL MANUFACTURING VARIATIONS.		
NEXT ASSY:		SIZE: NONE SCALE: NONE SHEET 1 OF 3		

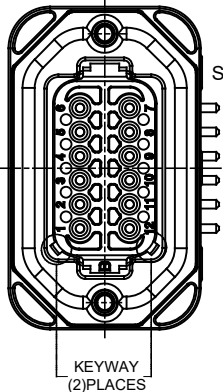
P/N AT13-12PA-BMXX
KEY-A CONFIGURATION
STANDARD COLOR: GREY



AT13-12PA-BMXX VARIANTS		
CONTACT PLATING	POTTING OR NOT IN RESERVOIR	PART NUMBER
GOLD	NO POTTING	AT13-12PA-BM01
GOLD	POTTING	AT13-12PA-BM02
TIN	NO POTTING	AT13-12PA-BM03
TIN	POTTING	AT13-12PA-BM04

REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE NEW DRAWING	19JUN18	JONY	TOMMY
A2	-	REVISED DRAWING	10JUL20	JHEAD	DH

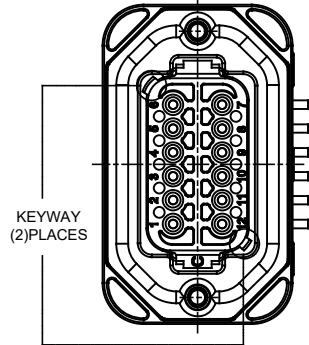
P/N AT13-12PB-BMXX
KEY-B CONFIGURATION
STANDARD COLOR: BLACK



AT13-12PB-BMXX VARIANTS		
CONTACT PLATING	POTTING OR NOT IN RESERVOIR	PART NUMBER
GOLD	NO POTTING	AT13-12PB-BM01
GOLD	POTTING	AT13-12PB-BM02
TIN	NO POTTING	AT13-12PB-BM03
TIN	POTTING	AT13-12PB-BM04

AT13-12PX-BMXX			
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 2 PL DEC ±0.15 3 PL DEC ±0.08 3) Note reference =		SIGNATURES DATE DRAWN: JONY.XIE 19JUN18 CHECKED: ORION.LI 19JUN18 ENGINEER: APPROVAL: TOMMY.XIE 19JUN18 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.	
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NEXT ASSY:		SCALE: NONE	
SIZE: B C-		DWG NO: AT13-12PX-BMXX	
REVISION: A2		SHEET 2 OF 3	

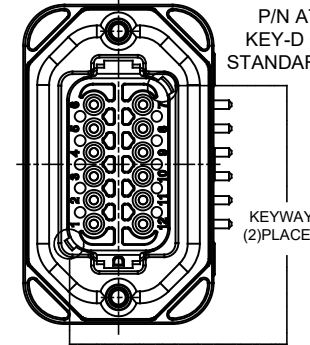
P/N AT13-12PC-BMXX
KEY-C CONFIGURATION
STANDARD COLOR: GREEN



KEYWAY
(2) PLACES

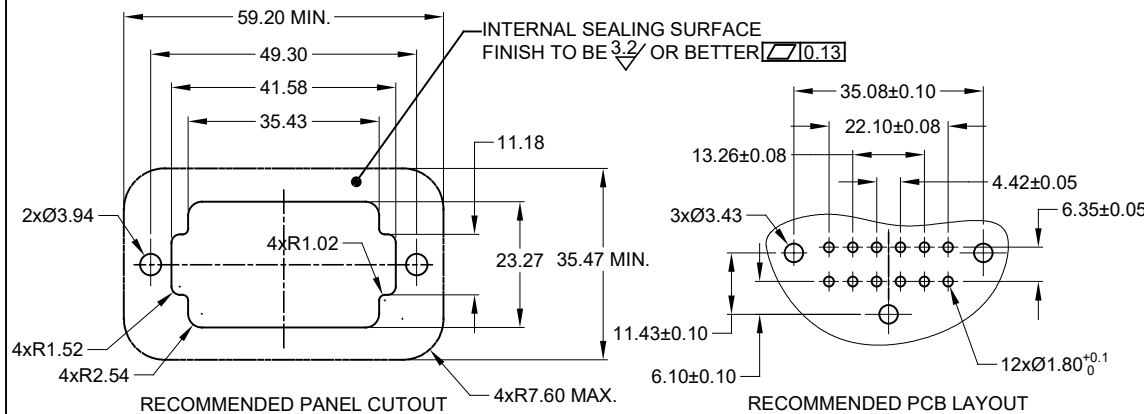
AT13-12PC-BMXX VARIANTS		
CONTACT PLATING	POTTING OR NOT IN RESERVOIR	PART NUMBER
GOLD	NO POTTING	AT13-12PC-BM01
GOLD	POTTING	AT13-12PC-BM02
TIN	NO POTTING	AT13-12PC-BM03
TIN	POTTING	AT13-12PC-BM04

P/N AT13-12PD-BMXX
KEY-D CONFIGURATION
STANDARD COLOR: BROWN



KEYWAY
(2) PLACES

AT13-12PD-BMXX VARIANTS		
CONTACT PLATING	POTTING OR NOT IN RESERVOIR	PART NUMBER
GOLD	NO POTTING	AT13-12PD-BM01
GOLD	POTTING	AT13-12PD-BM02
TIN	NO POTTING	AT13-12PD-BM03
TIN	POTTING	AT13-12PD-BM04



AT13-12PX-BMXX		DESCRIPTION		ITEM
PART NUMBER				
QUANTITY	MATERIALS LIST			
UNLESS OTHERWISE SPECIFIED: 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 = Δ		SIGNATURES	DATE	
DRAWN: JONY XIE		19JUN18		
CHECKED: ORION LI		19JUN18		
ENGINEER:				
APPROVAL: TOMMY XIE		19JUN18		
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:				
NEXT ASSY:				
		Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036 BOARDLOCK, PCB MOUNT RECEPTACLE, 12 PIN, RA FLANGE, AT SERIES		REVISION A2
		SIZE B C-	DWG NO: AT13-12PX-BMXX	SHEET 3 OF 3
		SCALE NONE		

TITLE: PCB MOUNT RECEPTACLE, 12PIN, RA FLANGE, AT SERIES
DWG NO.: AT13-12PX-BMXX
REV: A2
SH: 3
OF: 3

Mouser Electronics

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[AT13-12PB-BM03](#)