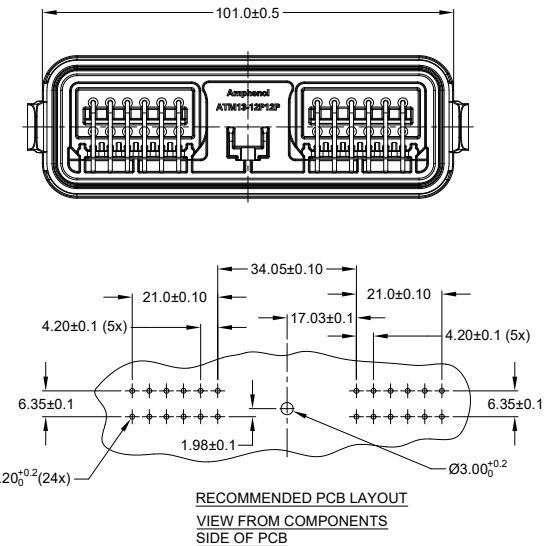
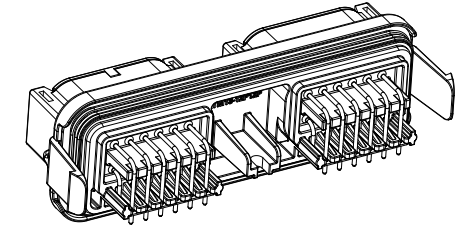
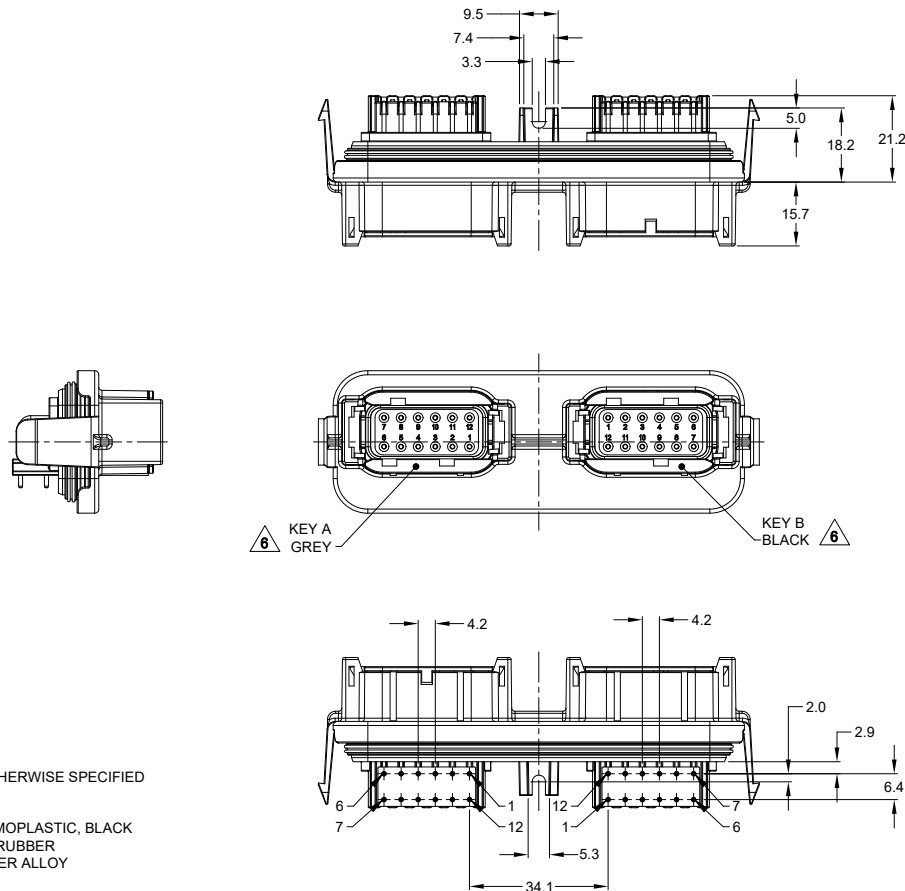


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE NEW DRAWING	06NOV18	SULLEN	TOMMY
A2	-	UPDATED DRAWING	18FEB19	SULLEN	TOMMY
A3	-	ADD SPACE LIMIT DIMENSION	15JAN20	SULLEN	TOMMY



NOTES: UNLESS OTHERWISE SPECIFIED

- MATERIAL:
HOUSING: THERMOPLASTIC, BLACK
SEAL: SILICONE RUBBER
CONTACT: COPPER ALLOY
- MODIFICATIONS: RA PCB MOUNT
- SPECIFICATIONS:
3.1 CURRENT RATING: 7.5 AMPS
3.2 OPERATING TEMPERATURE: -55°C TO +125°C
3.3 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC
3.4 INSULATION RESISTANCE: 1000 MEGOHMS MIN @ 25°C
3.5 MOISTURE RESISTANCE: IP69K (MATED CONDITION)
3.6 MATING CYCLE DURABILITY: 100 CYCLES
3.7 RoHS COMPLIANT
- MATING PART: ATM06-12SX-
(X = A,B,C,D KEYS ; * = ALL MODIFICATIONS)
- THIS RECEPTACLE IS USED WITH AIPXE-325X4A-XXXX AND AIPXE-325X4B-XXXX ENCLOSURE (XXXX= ALL MODIFICATIONS)

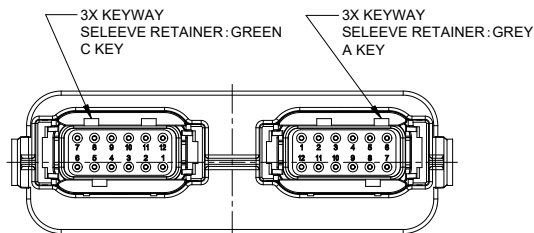
6. SEE SHEET 2 AND 3 FOR OTHER KEY ARRANGEMENTS AND COLORS

7. MAXIMUM COMPONENT HEIGHT DEPENDS ON LOCATION DUE TO PART DRAFT AND RIBS.(SEE SHEET 4)

8. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY

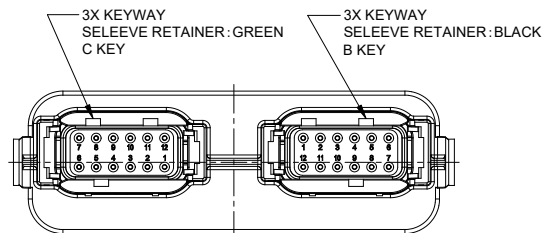
SEE SHEET 2 & 3		DESCRIPTION		ITEM
QUANTITY	PART NUMBER	MATERIALS LIST		
UNLESS OTHERWISE SPECIFIED 1) All dimensions are in metric(mm). 2) Tolerances are as follows: 1 PL DEC ±0.30 2 PL DEC ±0.15 3 PL DEC ±0.08 3) Note reference =		<div> <div> SIGNATURES DRAWN: SULEN.ZHANG CHECKED: ORION.LI ENGINEER: APPROVAL: TOMMY.XIE CUSTOMER: DATE 15JAN20 16JAN20 17JAN20 </div> <div> <div> Amphenol </div> <div> Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036 </div> </div> </div>		
MATERIAL SPECIFICATIONS:		<div> <div> 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. </div> <div> SIZE B C- </div> <div> TYPE ATM13-12PX-12PX-BMXX </div> <div> DWG NO. A3 </div> <div> REVISION A3 </div> </div>		
PROCESS SPECIFICATIONS:		<div> <div> SCALE NONE </div> <div> SHEET 1 </div> <div> OF 4 </div> </div>		
NEXT ASSY:				

REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE NEW DRAWING	06NOV18	SULLEN	TOMMY
A2	-	UPDATED DRAWING	18FEB19	SULLEN	TOMMY
A3	-	ADD SPACE LIMIT DIMENSION	15JAN20	SULLEN	TOMMY



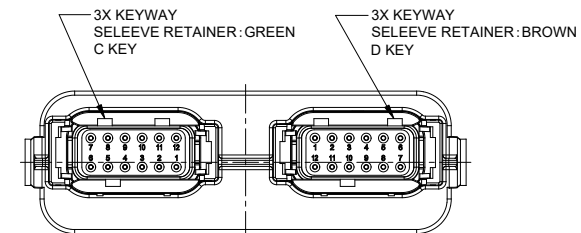
KEY CA

CONTACT PLATING	PART NUMBER	REFERENCE
GOLD	ATM13-12PC-12PA-BM01	DTM13-12PC-12PA-GR01
TIN	ATM13-12PC-12PA-BM03	DTM13-12PC-12PA-R008



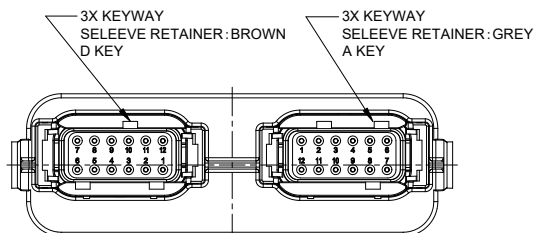
KEY CB

CONTACT PLATING	PART NUMBER	REFERENCE
GOLD	ATM13-12PC-12PB-BM01	DTM13-12PC-12PB-GR01
TIN	ATM13-12PC-12PB-BM03	DTM13-12PC-12PB-R008



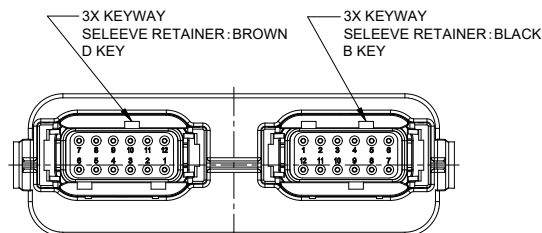
KEY CD

CONTACT PLATING	PART NUMBER	REFERENCE
GOLD	ATM13-12PC-12PD-BM01	DTM13-12PC-12PD-GR01
TIN	ATM13-12PC-12PD-BM03	DTM13-12PC-12PD-R008



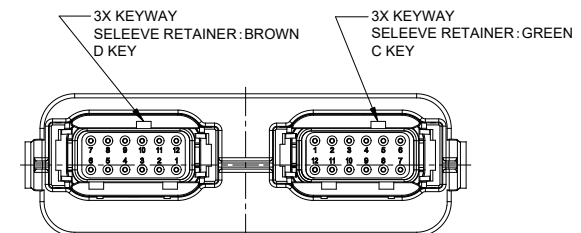
KEY DA

CONTACT PLATING	PART NUMBER	REFERENCE
GOLD	ATM13-12PD-12PA-BM01	DTM13-12PD-12PA-GR01
TIN	ATM13-12PD-12PA-BM03	DTM13-12PD-12PA-R008




KEY DB

CONTACT PLATING	PART NUMBER	REFERENCE
GOLD	ATM13-12PD-12PB-BM01	DTM13-12PD-12PB-GR01
TIN	ATM13-12PD-12PB-BM03	DTM13-12PD-12PB-R008



KEY DC

CONTACT PLATING	PART NUMBER	REFERENCE
GOLD	ATM13-12PD-12PC-BM01	DTM13-12PD-12PC-GR01
TIN	ATM13-12PD-12PC-BM03	DTM13-12PD-12PC-R008

ATM13-12PX-12PX-BMXX		DESCRIPTION		ITEM
PART NUMBER				
QUANTITY	MATERIALS LIST			
UNLESS OTHERWISE SPECIFIED		SIGNATURES		DATE
1) All dimensions are in metric (mm).		DRAWN:		SULLEN, ZHANG
2) Tolerances are as follows:		CHECKED:		ORION, LI
1 PL DEC ±0.30		ENGINEER:		
2 PL DEC ±0.15		APPROVAL:		TOMMY, XIE
3 PL DEC ±0.08				17JAN20
3) Note reference = 				
MATERIAL SPECIFICATIONS:		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	TYPE	DWG NO.
		B	C-	ATM13-12PX-12PX-BMXX
		SCALE	NONE	
		SHEET	3	OF 4

TITLE: ARMOR IPX RECEPTACLE ATM HDR, 2x 12 POSITIONS, SIZE 20 CONTACT

DWG NO: ATM13-12PX-12PX-BMXX

REV: A3

SH: 3

OF: 4

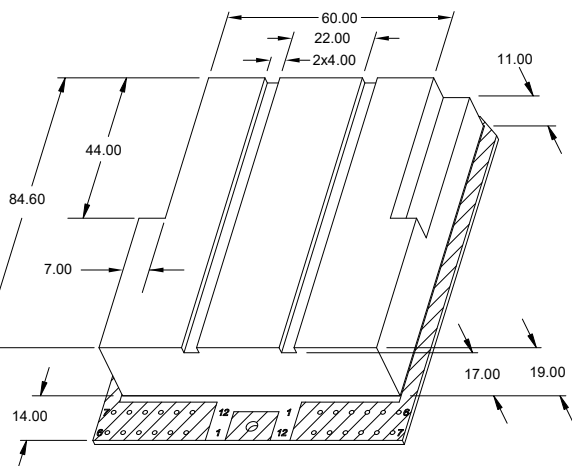
Technical drawing of a mechanical assembly, likely a frame or housing, showing dimensions and labels.

Dimensions:

- Overall width: 82.55
- Overall height: 101.60
- Top horizontal section: 2.00 (center offset), 4.00 (right offset)
- Left vertical section: 10.00 (top offset), 12.00 (middle offset)
- Bottom horizontal section: 4.41 (left offset), 9.00 (center offset), 17.03 (right offset)
- Right vertical section: 3.00 (top offset), 12.00 (middle offset), 6.35 (bottom offset), 2.45 (bottom offset)
- Bottom horizontal section (right side): 4.20, 8.40, 12.60, 16.80, 21.00
- Bottom horizontal section (left side): 30.00

Labels:

- BOTTOM SIDE ONLY
- KEEP CLEAR
- Ø3.00 FOR #4 [M3] SCREW
- HOLE FOR Ø1.04 PIN



#4 [M3] SCREW
LOCATION OPTIONAL

HEADER

PCB

ENCLOSURE

TOP SURFACE
OF PCB REF

SECTION A-A

(133)

SECTION B-B

(17.6)

(19.2)

Amphenol
ATN15/12P12P

ASSEMBLED PCB ENCLOSURE
SHOWN FOR REFERENCE

REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE NEW DRAWING	06NOV18	SULLEN	TOMMY
A2	-	UPDATE DRAWING	18FEB19	SULLEN	TOMMY
A3	-	ADD SPACE LIMIT DIMENSION	15JAN20	SULLEN	TOMMY

	SEE SHEET 2 & 3		
	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 1/64 2 PL DEC ±0.15 Angles ±1° 3 PL DEC ±0.08 3) Note reference =		SIGNATURES	DATE
		DRAWN: SULENZHANG	15JAN20
		CHECKED: ORONLI	16JAN20
		ENGINEER:	
		APPROVAL: TOMMY XIE	17JAN20
MATERIAL SPECIFICATIONS:		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	TYPE C-	DWG NO. ATM13-12PX-12PX-BMXX
	SCALE NONE		REVISION A3
		SHEET 4	OF 4