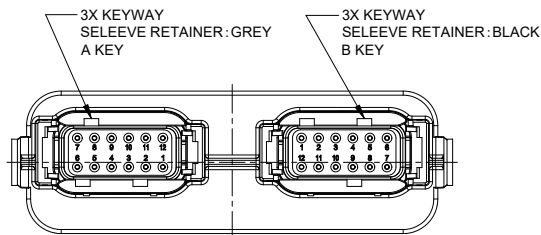
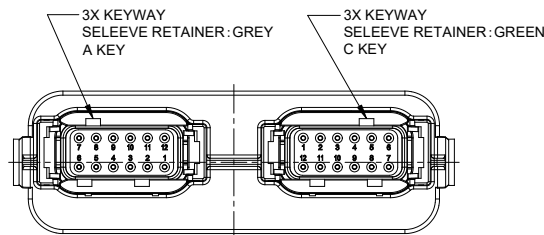


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE NEW DRAWING	06NOV18	SULLEN	TOMMY
A2	-	UPDATED DRAWING	18FEB19	SULLEN	TOMMY
A3	-	ADD SPACE LIMIT DIMENSION	15JAN20	SULLEN	TOMMY



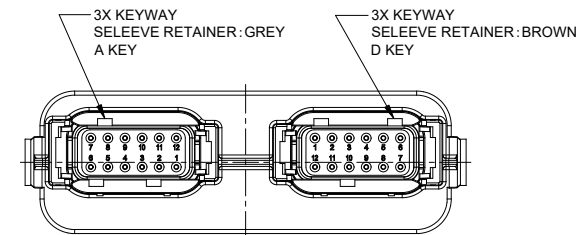
KEY AB

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



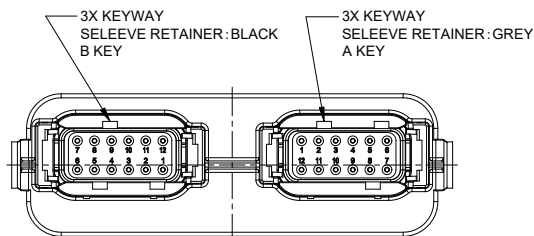
KEY AC

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



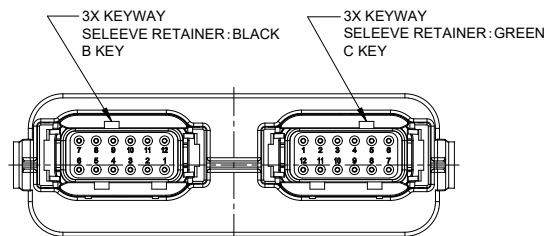
KEY AD

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



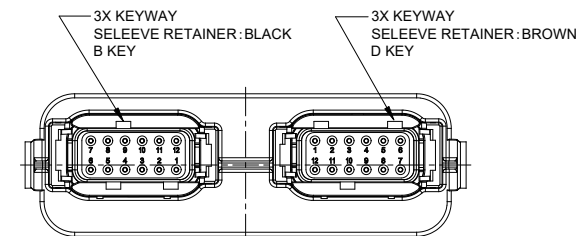
KEY BA

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



KEY BC

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



KEY BD

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

ATM13-12PX-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 2 PL DEC ±0.15 3 PL DEC ±0.08 3) Note reference = 		SIGNATURES DATE DRAWN: SULLEN,ZHANG 15JAN20 CHECKED: ORIONLI 16JAN20 ENGINEER: APPROVAL: TOMMY,XIE 17JAN20 CUSTOMER:		Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036 ARMOR IPX RECEPTACLE ATM HEADER, 2 x 12 POSITIONS,SIZE 20 CONTACT
MATERIAL SPECIFICATIONS:				
PROCESS SPECIFICATIONS:				
NEXT ASSY:				
		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 TYPE DWG NO. REVISION B C- ATM13-12PX-12PX-BMXX A3 SCALE NONE SHEET 2 OF 4		

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

DWG NO:

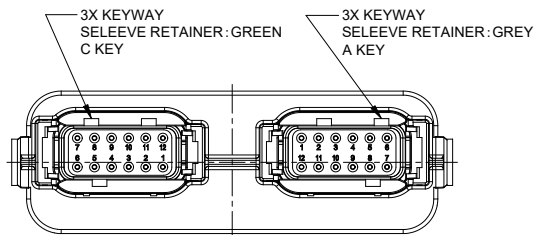
ATM13-12PX-12PX-BMXX

REV: A3

SH: 2

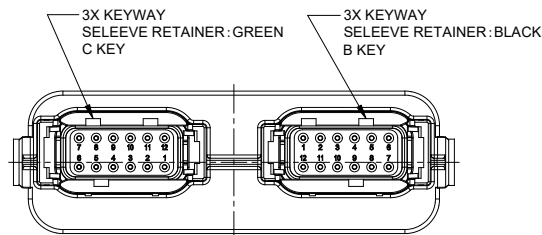
OF: 4

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



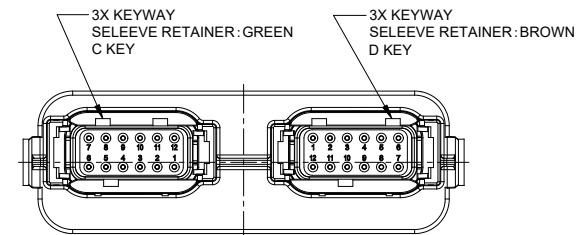
KEY CA

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



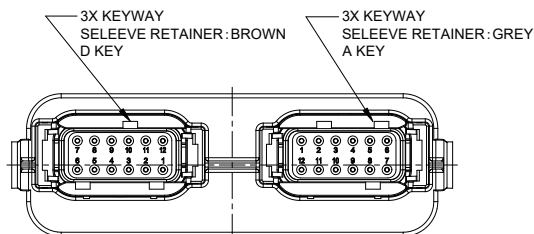
KEY CB

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



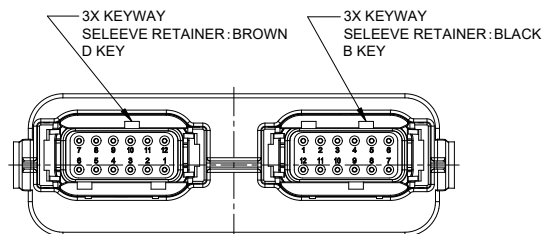
KEY CD

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



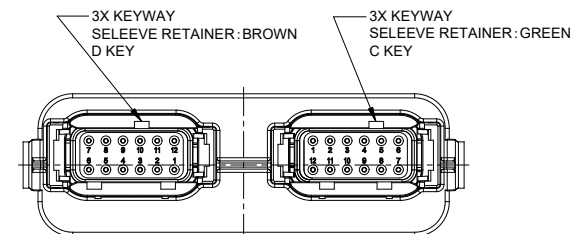
KEY DA

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:		ORIONLI
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
		B C-		DWG NO.
				ATM13-12PX-12PX-BMXX
		SCALE		NONE
		SHEET		3 OF 4
				REVISION
				A3

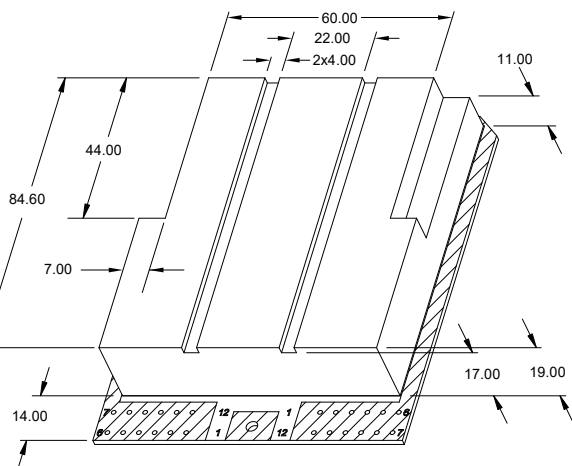
Technical drawing of a mechanical assembly, likely a frame or support structure, showing dimensions and labels.

Dimensions:

- Overall width: 82.55
- Overall height: 101.60
- Top horizontal section width: 2.00
- Top horizontal section width: 4.00
- Vertical section height: 10.00
- Vertical section height: 3.00
- Vertical section height: 12.00
- Vertical section height: 12.00
- Vertical section height: 4.20
- Vertical section height: 8.40
- Vertical section height: 12.60
- Vertical section height: 16.80
- Vertical section height: 21.00
- Vertical section height: 6.35
- Vertical section height: 2.45
- Vertical section height: 9.00
- Vertical section height: 17.03
- Vertical section height: 30.00
- Vertical section height: 4.41

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 3 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 ARMOR IPX RECEPTACLE ATM HEADER, 2 x 12 POSITIONS, SIZE 20 CONTACT	
		DRAWN:		SULEN.ZHANG 15JAN20			
		CHECKED:		ORION LI 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		TYPE		DWG NO.	
		B		C-		ATM13-12PX-12PX-BMXX	
		SCALE		NONE		REVISION	
						A3	
						SHEET 4 OF 4	

Mouser Electronics

Authorized Distributor

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