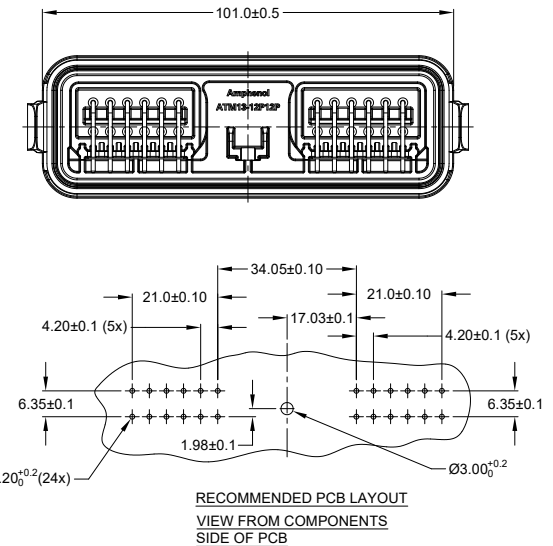
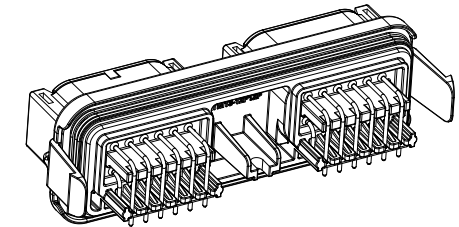
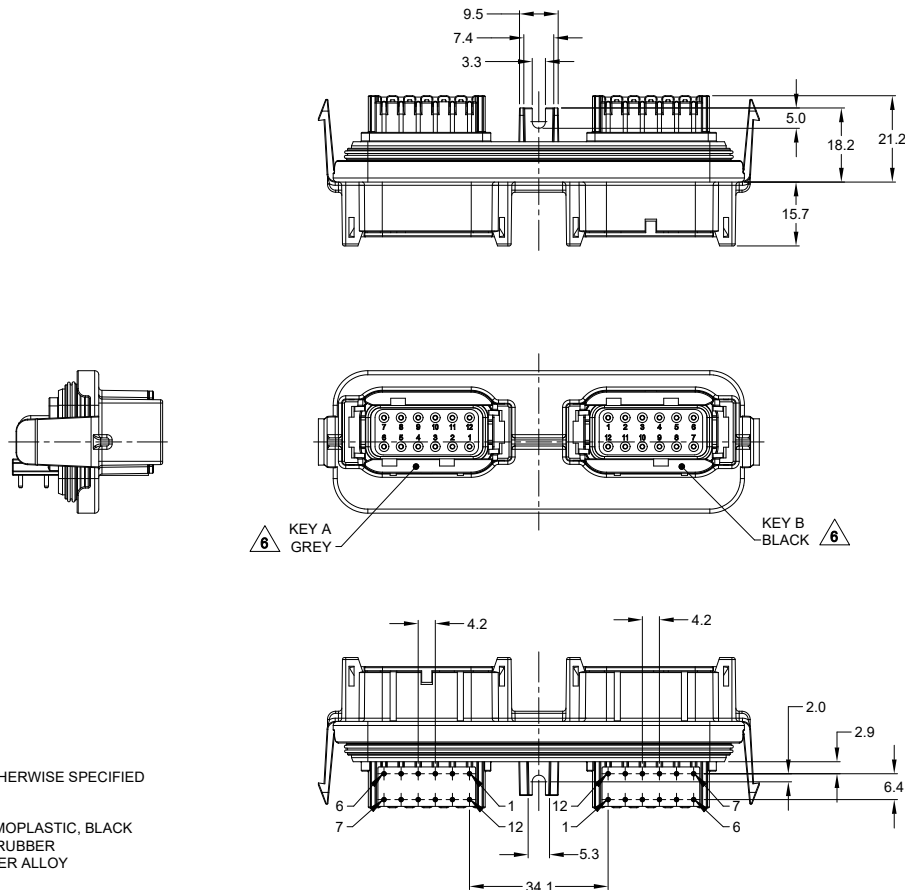


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE NEW DRAWING	06NOV18	SULLEN	TOMMY
A2	-	UPDATED DRAWING	18FEB19	SULLEN	TOMMY
A3	-	ADD SPACE LIMIT DIMENSION	15JAN20	SULLEN	TOMMY



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)

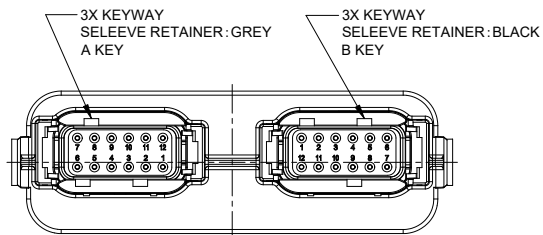
6. SEE SHEET 2 AND 3 FOR OTHER KEY ARRANGEMENTS AND COLORS

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

8. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY

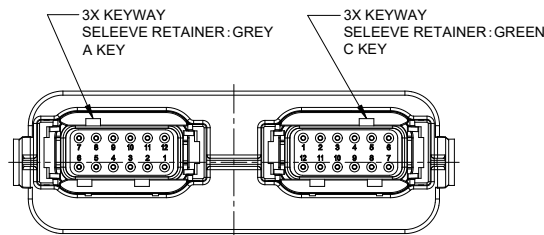
SEE SHEET 2 & 3		DESCRIPTION		ITEM
QUANTITY	PART NUMBER	MATERIALS LIST		
UNLESS OTHERWISE SPECIFIED 1) All dimensions are in metric(mm). 2) Tolerances are as follows: 1 PL DEC ±0.30 2 PL DEC ±0.15 3 PL DEC ±0.08 3) Note reference =		SIGNATURES DRAWN: SULLEN,ZHANG 15JAN20 CHECKED: ORION,LI 16JAN20 ENGINEER: APPROVAL: TOMMY,XIE 17JAN20 CUSTOMER: 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.		
MATERIAL SPECIFICATIONS:		Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036		
PROCESS SPECIFICATIONS:		ARMOR IPX RECEPTACLE ATM HEADER, 2 x 12 POSITIONS, SIZE 20 CONTACT		
NEXT ASSY:		SIZE B TYPE C- DWG NO: ATM13-12PX-12PX-BMXX SCALE: NONE	REVISION A3	SHEET 1 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



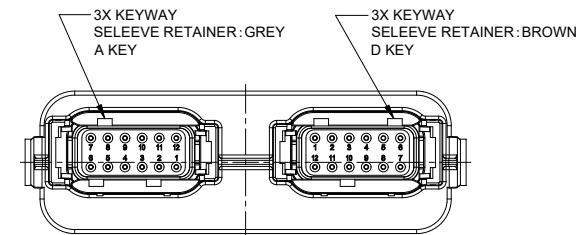
KEY AB

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



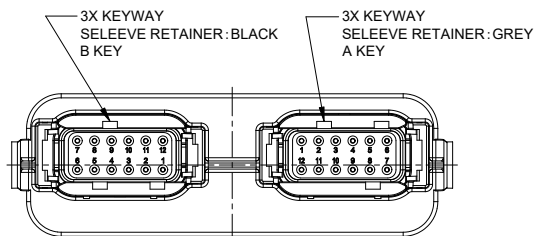
KEY AC

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



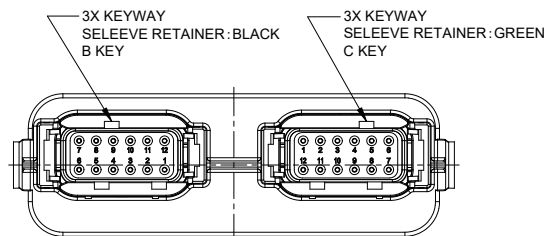
KEY AD

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



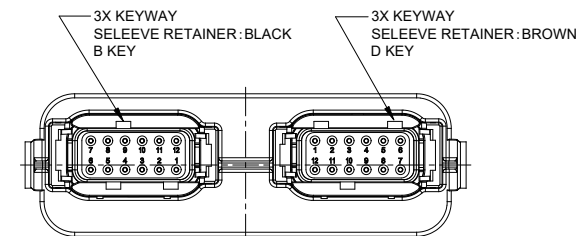
KEY BA

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

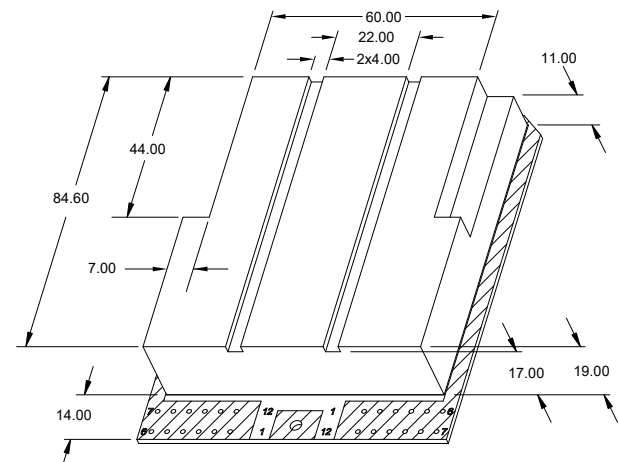
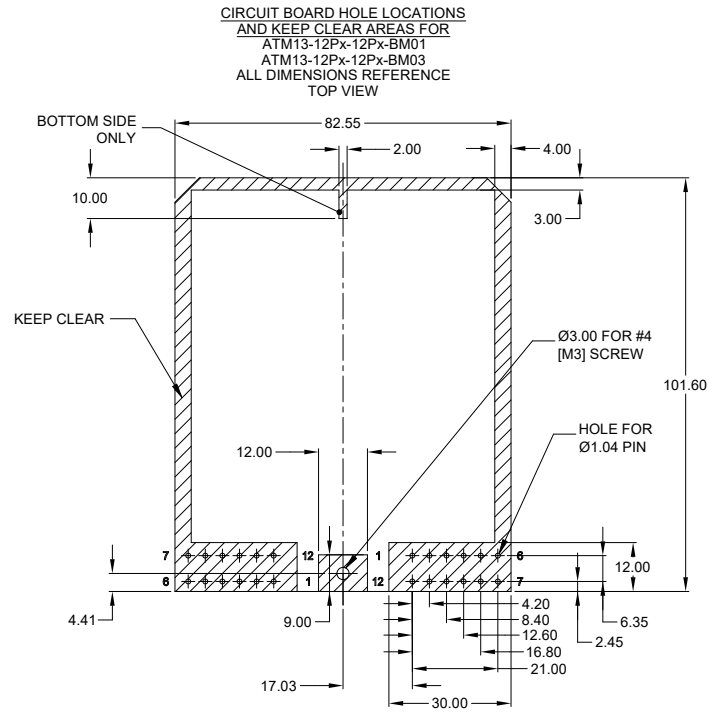
CONTACT PLATING	PART NUMBER	REFERENCE
GOLD	ATM13-12PB-12PC-BM01	DTM13-12PB-12PC-GR01
TIN	ATM13-12PB-12PC-BM03	DTM13-12PB-12PC-R008



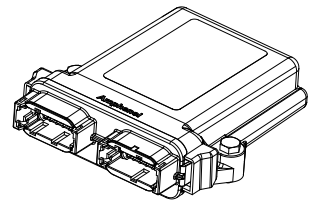
KEY BD

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

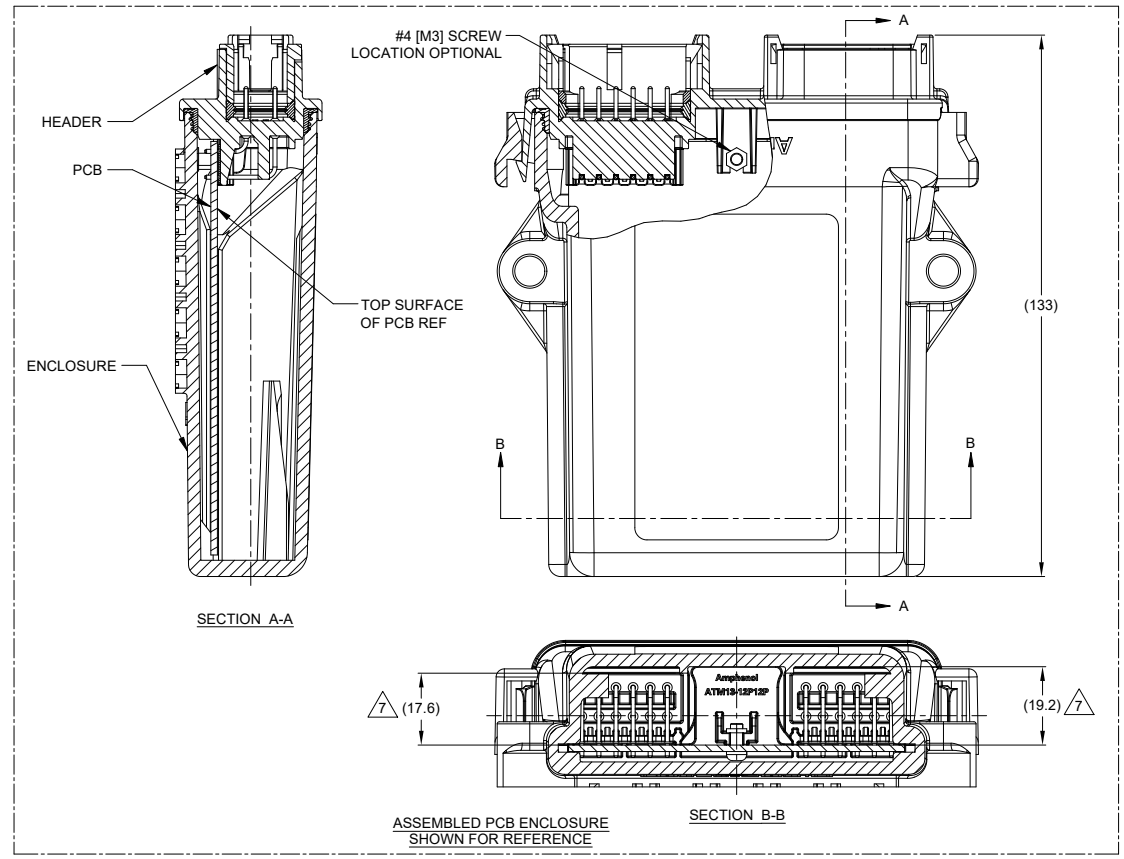
ATM13-12PX-12PX-BMXX		DESCRIPTION		ITEM	
PART NUMBER					
QUANTITY	MATERIALS LIST				
UNLESS OTHERWISE SPECIFIED 1) All dimensions are in metric(mm). 2) Tolerances are as follows: 1 PL DEC ±0.30 2 PL DEC ±0.15 3 PL DEC ±0.08 3) Note reference = 		SIGNATURES DRAWN: SULLEN, ZHANG CHECKED: ORION LI ENGINEER: APPROVAL: TOMMY XIE	DATE 15JAN20 16JAN20 17JAN20	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:		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	REVISION A3
		SCALE NONE	SHEET 2 OF 4		



**THREE DIMENSIONAL SPACE LIMIT
APPROXIMATE INTERNAL SPACE
FOR COMPONENT SPACE LAYOUT
MAX. COMPONENT HEIGHT UNDER BOARD 2.00 mm.**



**3D VIEW
AIPXE-325X4A-XXXX AND
AIPXE-325X4B-XXXX ENCLOSURE AND
MOUNTING HARDWARE 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		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 DRAWN: SULEN ZHANG CHECKED: ORION LI ENGINEER: APPROVAL: TOMMY XIE	DATE 15JAN20 16JAN20 17JAN20	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:		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			

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**

TITLE: ARMOR IPX RECEPTACLE ATM HDR, 2x12 POSITIONS, SIZE 20 CONTACT
DWG NO.: ATM13-12PX-12PX-BMXX
REV: A3
SH: 4
OF: 4

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Amphenol:](#)

[ATM13-12PA-12PB-BM03](#)