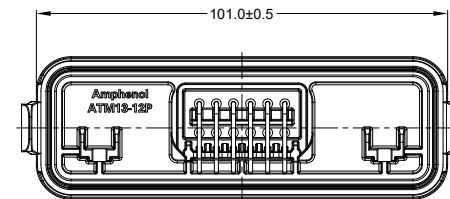
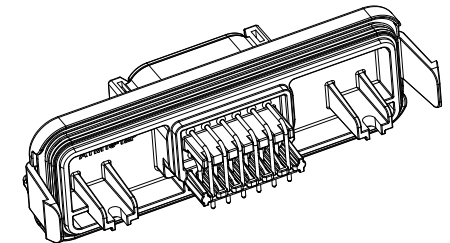
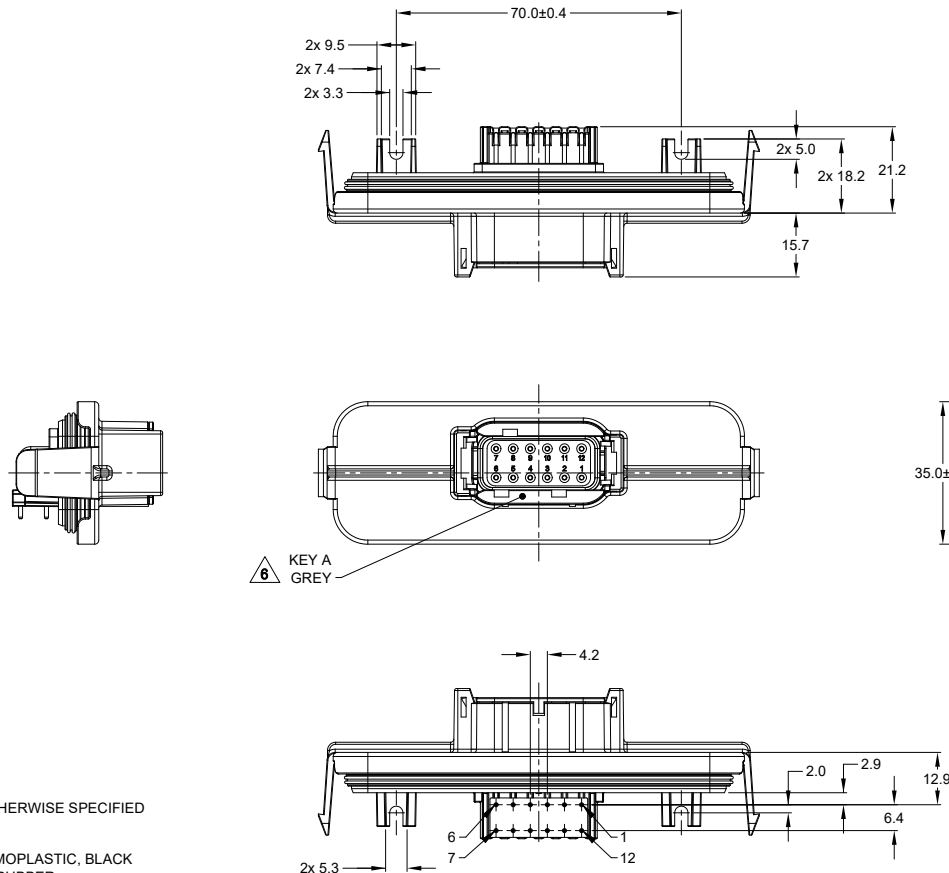


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE NEW DRAWING	08JUN19	SULLEN	TOMMY
A2	-	UPDATE DRAWING	29JUL19	SULLEN	TOMMY
A3		UPDATED SPACE LIMIT DIMENSION	15JAN20	SULLEN	TOMMY



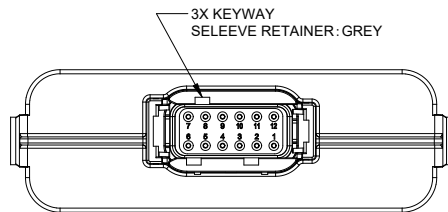
NOTES: UNLESS OTHERWISE SPECIFIED

- 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)

- SEE SHEET 2 FOR OTHER KEY ARRANGEMENTS AND COLORS
- MAXIMUM COMPONENT HEIGHT DEPENDS ON LOCATION DUE TO PART DRAFT AND RIBS.(SEE SHEET 3)
- ALL DIMENSIONS ARE FOR REFERENCE USE ONLY

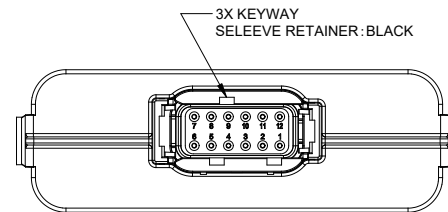
SEE SHEET 2		DESCRIPTION		ITEM
QUANTITY	PART NUMBER	MATERIALS LIST		
UNLESS OTHERWISE SPECIFIED 1) All dimensions are in metric(mm). 2) Tolerances are as follows: 1 PL DEC ±0.30 2 PL DEC ±0.15 3 PL DEC ±0.08 3) Note reference =		SIGNATURES DRAWN: SULLENZHANG CHECKED: ORIONLI ENGINEER: APPROVAL: TOMMYXIE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

REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE NEW DRAWING	08JUN19	SULLEN	TOMMY
A2	-	UPDATE DRAWING	29JUL19	SULLEN	TOMMY
A3	-	UPDATED SPACE LIMIT DIMENSION	15JAN20	SULLEN	TOMMY



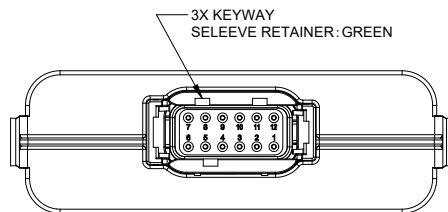
KEY A

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



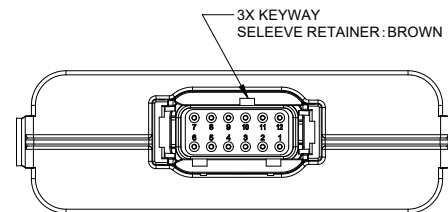
KEY B

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



KEY C

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

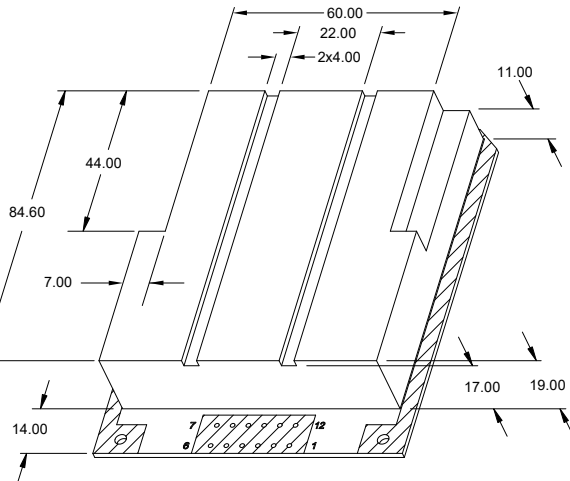
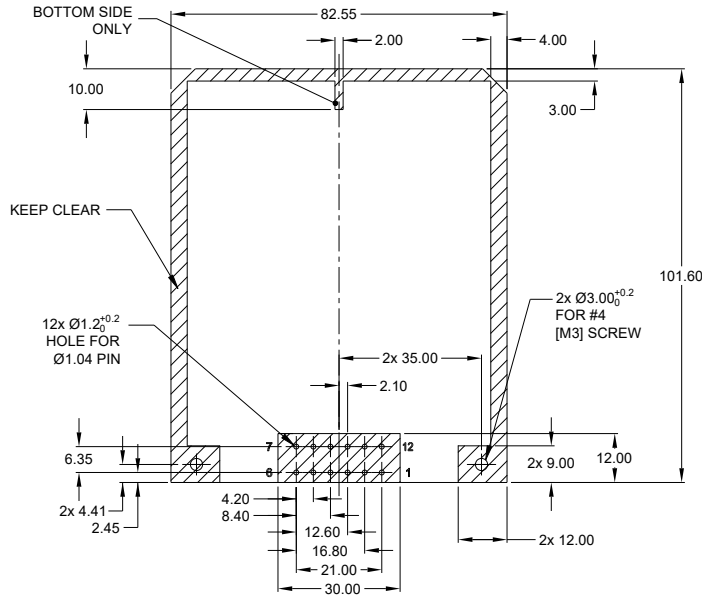


KEY D

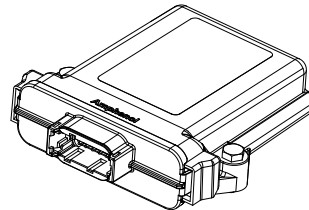
CONTACT PLATING	PART NUMBER	REFERENCE
GOLD	ATM13-12PD-GR01	DTM13-12PD-GR01
TIN	ATM13-12PD-R008	DTM13-12PD-R008

ATM13-12PX-XXXX		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: ORION,LI 16JAN20 ENGINEER: APPROVAL: TOMMY,XIE 17JAN20 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:		SCALE: NONE		
NEXT ASSY:		SHEET 2 OF 3		
		REVISION		
		A3		

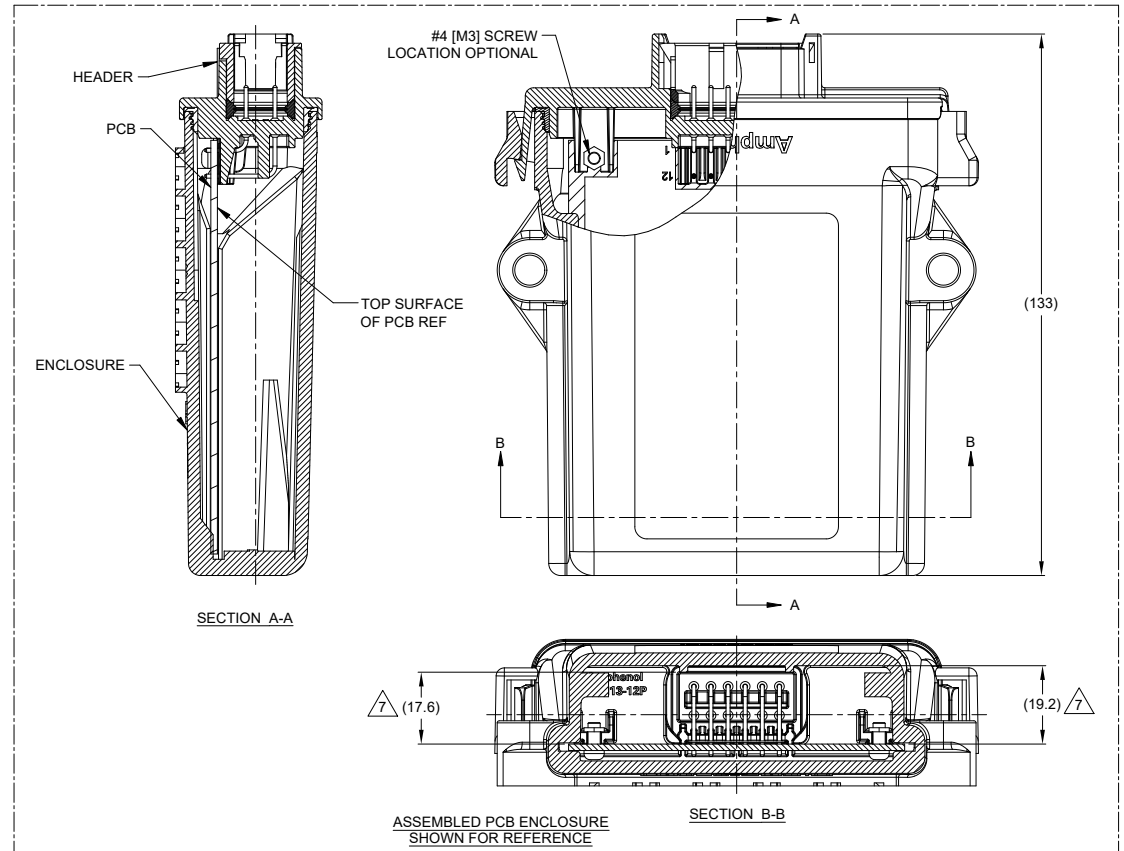
CIRCUIT BOARD HOLE LOCATIONS
AND KEEP CLEAR AREAS FOR
ATM13-12PX-R008
ATM13-12PX-GR01
ALL DIMENSIONS REFERENCE
TOP VIEW



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



SEE SHEET 2		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 3 PL DEC ±0.08 3) Note reference = 		SIGNATURES DRAWN: SULENZHANG CHECKED: ORIONLI ENGINEER: APPROVAL: TOMMYXIE 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.		Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036 ARMOR IPX RECEPTACLE ATM HEADER, 12 POSITIONS, SIZE 20 CONTACT	
MATERIAL SPECIFICATIONS:					
PROCESS SPECIFICATIONS:					
NEXT ASSY:		SIZE B	TYPE C-	DWG NO. ATM13-12PX-XXXX	REVISION A3
		SCALE NONE	SHEET 3 OF 3		

Amphenol

Sine Systems - www.amphenol-sine.com
44724 Morley Drive
Clinton Township, MI 48036

ARMOR IPX RECEPTACLE ATM HEADER,
12 POSITIONS, SIZE 20 CONTACT

SHEET 3 OF 3

REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
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A3	-	UPDATED SPACE LIMIT DIMENSION	15JAN20	SULLEN	TOMMY

Mouser Electronics

Authorized Distributor

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[ATM13-12PA-GR01](#)