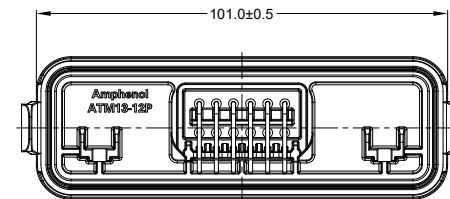
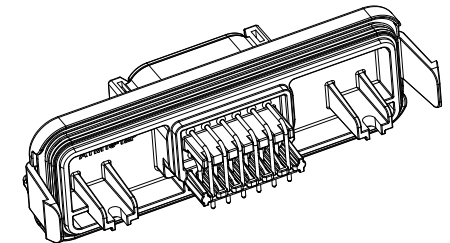
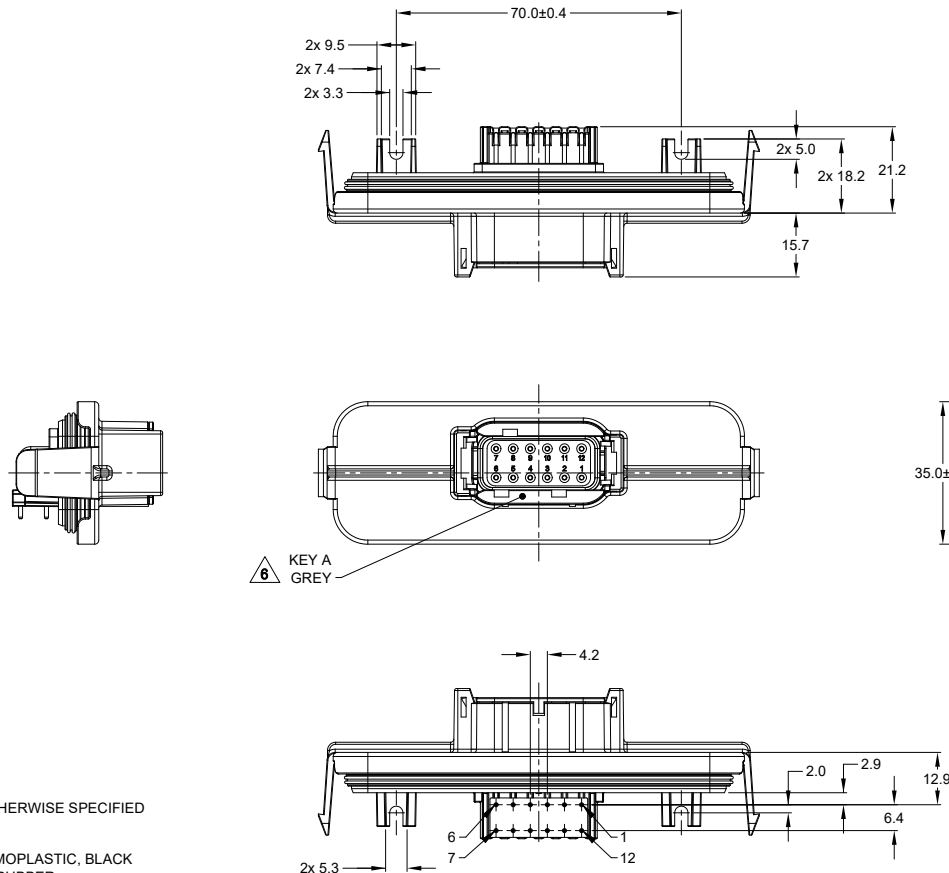


| REVISIONS |     |                               |         |        |       |
|-----------|-----|-------------------------------|---------|--------|-------|
| REV       | ECO | DESCRIPTION                   | DATE    | BY     | APPR  |
| A1        | -   | RELEASE NEW DRAWING           | 08JUN19 | SULLEN | 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)

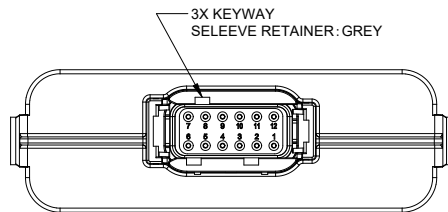
SEE SHEET 2 FOR OTHER KEY ARRANGEMENTS AND COLORS

MAXIMUM COMPONENT HEIGHT DEPENDS ON LOCATION DUE TO PART DRAFT AND RIBS.(SEE SHEET 3)

8. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY

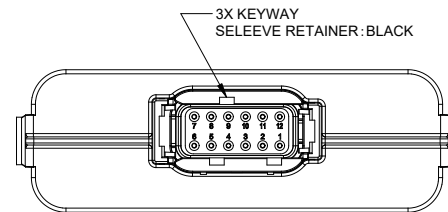
|                                      |                |                                                                                                                                                                                                                                                   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

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



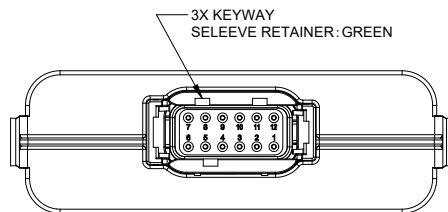
KEY A

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



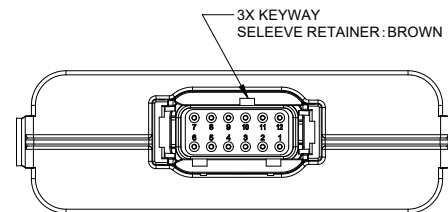
KEY B

| 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 |

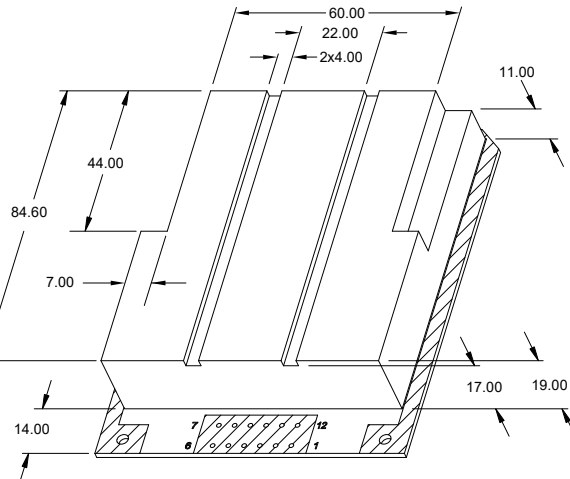
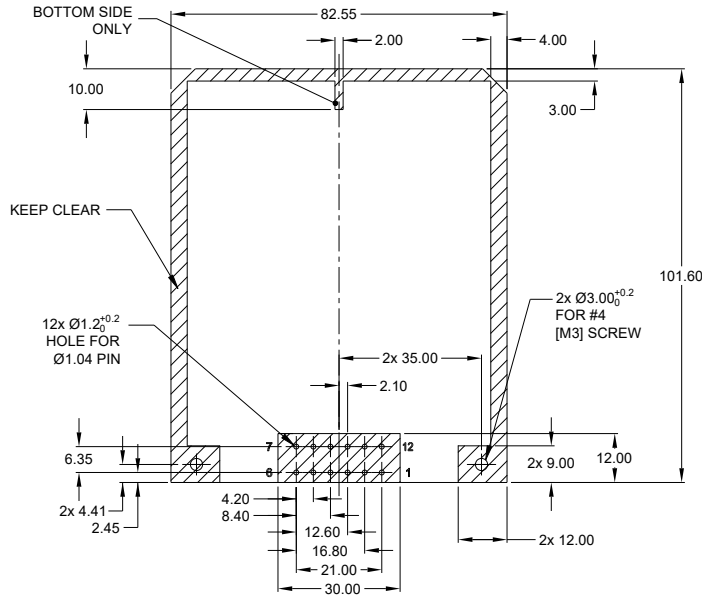


KEY D

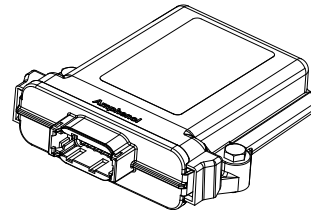
| CONTACT PLATING | PART NUMBER     | REFERENCE       |
|-----------------|-----------------|-----------------|
| GOLD            | ATM13-12PD-GR01 | DTM13-12PD-GR01 |
| TIN             | ATM13-12PD-R008 | DTM13-12PD-R008 |

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

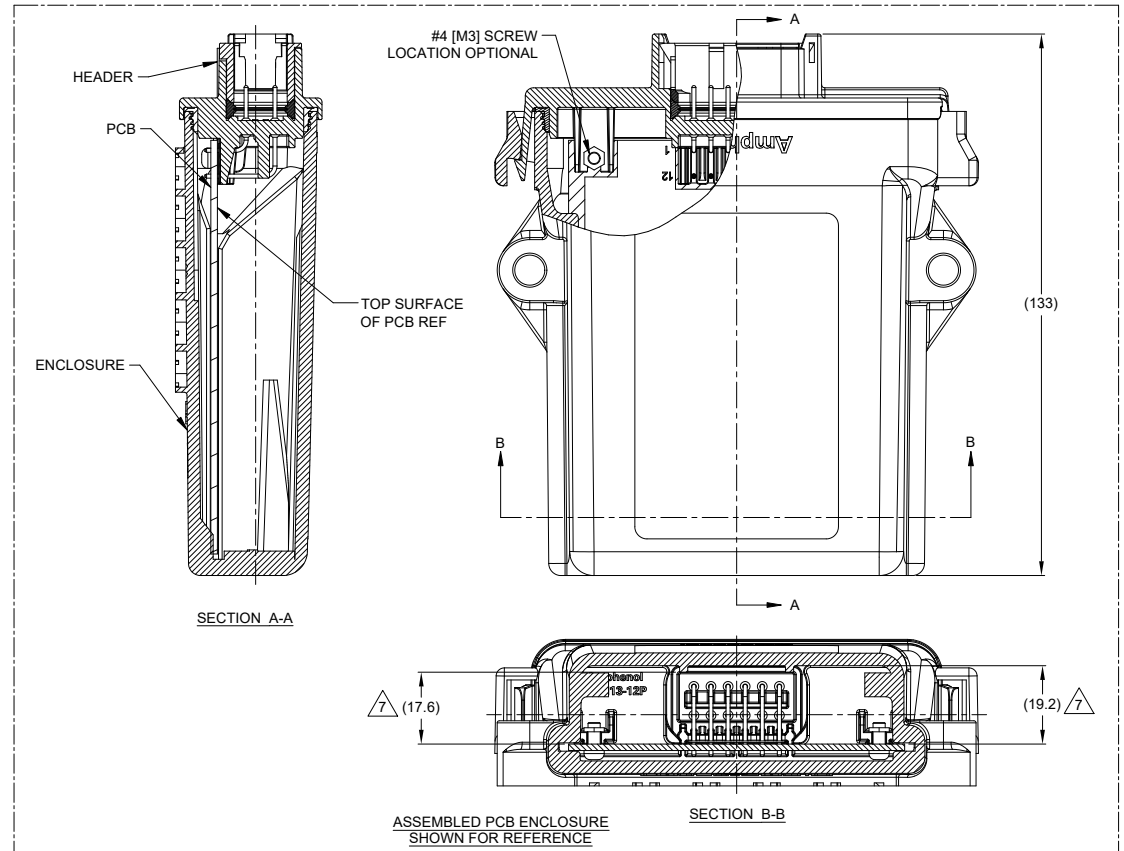
CIRCUIT BOARD HOLE LOCATIONS  
AND KEEP CLEAR AREAS FOR  
ATM13-12PX-R008  
ATM13-12PX-GR01  
ALL DIMENSIONS REFERENCE  
TOP VIEW



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



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

|                                       |  |                                                                                                                                                                                                                                                                      |  |          |
|---------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------|
| SEE SHEET 2                           |  | DESCRIPTION                                                                                                                                                                                                                                                          |  | ITEM     |
| PART NUMBER                           |  | MATERIALS LIST                                                                                                                                                                                                                                                       |  |          |
| QUANTITY                              |  | SIGNATURES                                                                                                                                                                                                                                                           |  | DATE     |
| UNLESS OTHERWISE SPECIFIED            |  | DRAWN: SULEN, ZHANG                                                                                                                                                                                                                                                  |  | 15JAN20  |
| 1) All dimensions are in metric (mm). |  | CHECKED: ORION LI                                                                                                                                                                                                                                                    |  | 16JAN20  |
| 2) Tolerances are as follows:         |  | ENGINEER:                                                                                                                                                                                                                                                            |  |          |
| 1 PL DEC ±0.30                        |  | APPROVAL: TOMMY XIE                                                                                                                                                                                                                                                  |  | 17JAN20  |
| 2 PL DEC ±0.15                        |  | CUSTOMER:                                                                                                                                                                                                                                                            |  |          |
| 3 PL DEC ±0.08                        |  | MATERIAL SPECIFICATIONS:                                                                                                                                                                                                                                             |  |          |
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| PROCESS SPECIFICATIONS:               |  | SIZE                                                                                                                                                                                                                                                                 |  | TYPE     |
| NEXT ASSY:                            |  | B C-                                                                                                                                                                                                                                                                 |  | DWG NO.  |
|                                       |  | SCALE: NONE                                                                                                                                                                                                                                                          |  | REVISION |
|                                       |  | ATM13-12PX-XXXX                                                                                                                                                                                                                                                      |  | A3       |
|                                       |  | SHEET 3 OF 3                                                                                                                                                                                                                                                         |  |          |

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