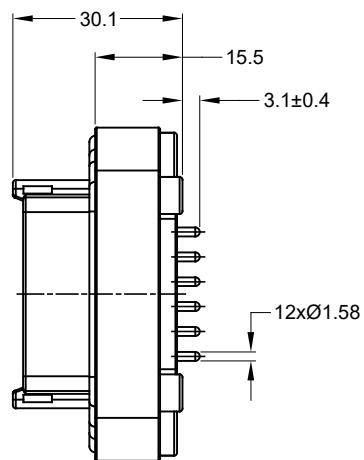
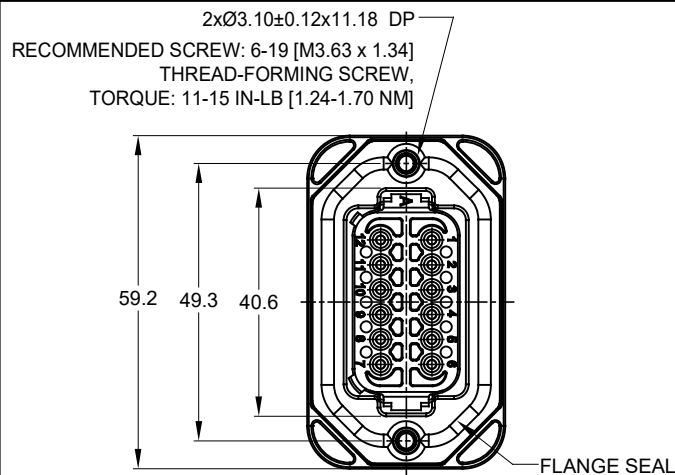
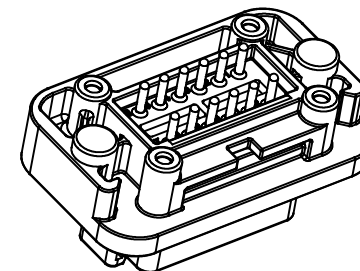
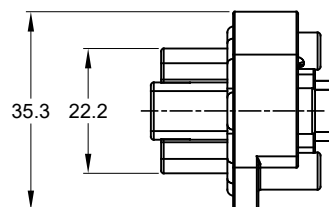
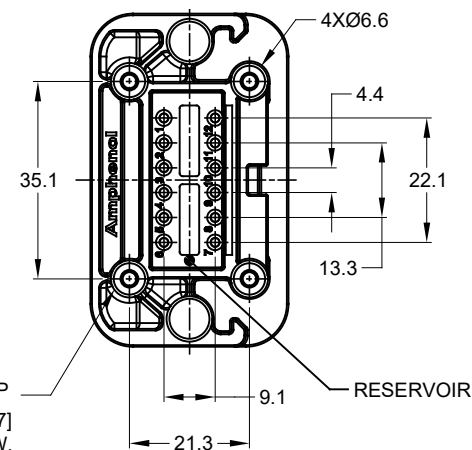




4xØ2.79±0.12 x8.0 DP  
RECOMMENDED SCREW: 4-20 [M3.12 x 1.27]  
THREAD-FORMING SCREW,  
TORQUE:6-10 IN-LB [0.68-1.13 NM]

| REVISIONS |     |                     |         |       |       |
|-----------|-----|---------------------|---------|-------|-------|
| REV       | ECO | DESCRIPTION         | DATE    | BY    | APPR  |
| A1        | --  | RELEASE NEW DRAWING | 19JUN18 | JONY  | TOMMY |
| A2        | --  | REVISED DRAWING     | 10JUL20 | JHEAD | DH    |

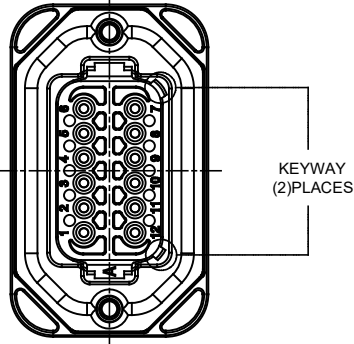


NOTES: UNLESS OTHERWISE SPECIFIED

- MATERIAL:  
HOUSING: THERMOPLASTIC  
SEAL: SILICONE RUBBER  
CONTACT: COPPER ALLOY
- MODIFICATIONS: FLANGE, PCB MOUNT STRAIGHT
- SPECIFICATIONS:  
3.1 CURRENT RATING: 13 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: IP67 ( MATED CONDITION )  
3.6 MATING CYCLE DURABILITY: 100 CYCLES  
3.7 RoHS COMPLIANT
- MATING PART: AT06-12S\* PLUG (\* = MODIFICATIONS)
- ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.
- POTTED CONNECTORS SPECIFIED FOR UP TO 5 P.S.I. APPLICATIONS.

|                                                                                                                                                                                  |                |                                                                                                                                                                                                                                                                      |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| AT15-12PX-BMXX                                                                                                                                                                   |                | REF: DT15-12PA, DT15-12PB, DT15-12PC, DT15-12PD, DT15-12PA-G003, DT15-12PB-G003, DT15-12PC-G003, DT15-12PD-G003, DT15-12PA-B028, DT15-12PB-B028, DT15-12PC-B028, DT15-12PD-B028                                                                                      |  |
| PART NUMBER                                                                                                                                                                      |                | DESCRIPTION                                                                                                                                                                                                                                                          |  |
| 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 DATE<br>DRAWN: JONY XIE 19JUN18<br>CHECKED: ORION LI 19JUN18<br>ENGINEER:<br>APPROVAL: TOMMY XIE 19JUN18<br>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:                                                                                                                                                          |                | SIZE TYPE DWG NO. REVISION<br>B C- AT15-12PX-BMXX A2<br>SCALE: NONE SHEET 1 OF 3                                                                                                                                                                                     |  |
| NEXT ASSY:                                                                                                                                                                       |                |                                                                                                                                                                                                                                                                      |  |

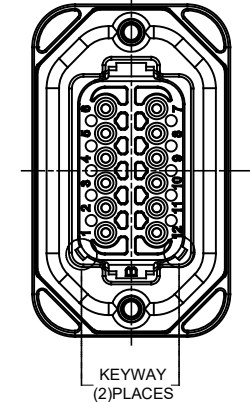
P/N AT15-12PA-BMXX  
KEY-A CONFIGURATION  
STANDARD COLOR: GREY



| AT15-12PA-BMXX VARIANTS |                             |                |
|-------------------------|-----------------------------|----------------|
| CONTACT PLATING         | POTTING OR NOT IN RESERVOIR | PART NUMBER    |
| GOLD                    | NO POTTING                  | AT15-12PA-BM01 |
| GOLD                    | POTTING                     | AT15-12PA-BM02 |
| TIN                     | NO POTTING                  | AT15-12PA-BM03 |
| TIN                     | POTTING                     | AT15-12PA-BM04 |

| REVISIONS |     |                     |         |       |       |
|-----------|-----|---------------------|---------|-------|-------|
| REV       | ECO | DESCRIPTION         | DATE    | BY    | APPR  |
| A1        | --  | RELEASE NEW DRAWING | 19JUN18 | JONY  | TOMMY |
| A2        | --  | REVISED DRAWING     | 10JUL20 | JHEAD | DH    |

P/N AT15-12PB-BMXX  
KEY-B CONFIGURATION  
STANDARD COLOR: BLACK



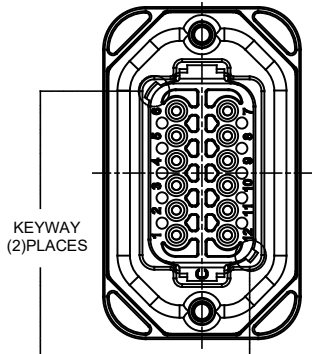
| AT15-12PB-BMXX VARIANTS |                             |                |
|-------------------------|-----------------------------|----------------|
| CONTACT PLATING         | POTTING OR NOT IN RESERVOIR | PART NUMBER    |
| GOLD                    | NO POTTING                  | AT15-12PB-BM01 |
| GOLD                    | POTTING                     | AT15-12PB-BM02 |
| TIN                     | NO POTTING                  | AT15-12PB-BM03 |
| TIN                     | POTTING                     | AT15-12PB-BM04 |

|                                                                                                           |  |                                                                                                                                                                                                                                                                      |  |                   |  |
|-----------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------|--|
|                                                                                                           |  | AT15-12PX-BMXX                                                                                                                                                                                                                                                       |  |                   |  |
|                                                                                                           |  | PART NUMBER                                                                                                                                                                                                                                                          |  | DESCRIPTION       |  |
| QUANTITY                                                                                                  |  | MATERIALS LIST                                                                                                                                                                                                                                                       |  |                   |  |
| UNLESS OTHERWISE SPECIFIED                                                                                |  | SIGNATURES                                                                                                                                                                                                                                                           |  | DATE              |  |
| 1) All dimensions are in metric(mm).                                                                      |  | DRAWN:                                                                                                                                                                                                                                                               |  | JONY.XIE 19JUN18  |  |
| 2) Tolerances are as follows:                                                                             |  | CHECKED:                                                                                                                                                                                                                                                             |  | ORION.LI 19JUN18  |  |
| 1 PL DEC ±0.30                                                                                            |  | ENGINEER:                                                                                                                                                                                                                                                            |  |                   |  |
| 2 PL DEC ±0.15                                                                                            |  | APPROVAL:                                                                                                                                                                                                                                                            |  | TOMMY.XIE 19JUN18 |  |
| 3 PL DEC ±0.08                                                                                            |  | CUSTOMER:                                                                                                                                                                                                                                                            |  |                   |  |
| 3) Note reference =  |  | 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:                                                                                  |  |                                                                                                                                                                                                                                                                      |  |                   |  |
| PROCESS SPECIFICATIONS:                                                                                   |  |                                                                                                                                                                                                                                                                      |  |                   |  |
| NEXT ASSY:                                                                                                |  |                                                                                                                                                                                                                                                                      |  |                   |  |

|                                                                |       |                |              |
|----------------------------------------------------------------|-------|----------------|--------------|
| Amphenol                                                       |       |                |              |
| Sine Systems - www.amphenol-sine.com                           |       |                |              |
| 44724 Morley Drive                                             |       |                |              |
| Clinton Township, MI 48036                                     |       |                |              |
| BOARDLOCK PCB MOUNT RECEPTACLE,<br>12 PIN, STRAIGHT, AT SERIES |       |                |              |
| SIZE:                                                          | TYPE: | DWG NO:        | REVISION     |
| B                                                              | C-    | AT15-12PX-BMXX | A2           |
| SCALE:                                                         | NONE  |                | SHEET 2 OF 3 |

| REVISIONS |     |                     |         |       |       |
|-----------|-----|---------------------|---------|-------|-------|
| REV       | ECO | DESCRIPTION         | DATE    | BY    | APPR  |
| 01        | --  | RELEASE NEW DRAWING | 19JUN18 | JONY  | TOMMY |
| A2        | --  | REVISED DRAWING     | 10JUL20 | JHEAD | DH    |

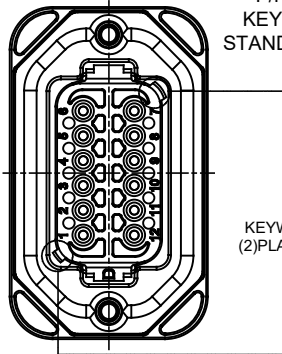
P/N AT15-12PC-BMXX  
KEY-C CONFIGURATION  
STANDARD COLOR: GREEN



KEYWAY  
(2) PLACES

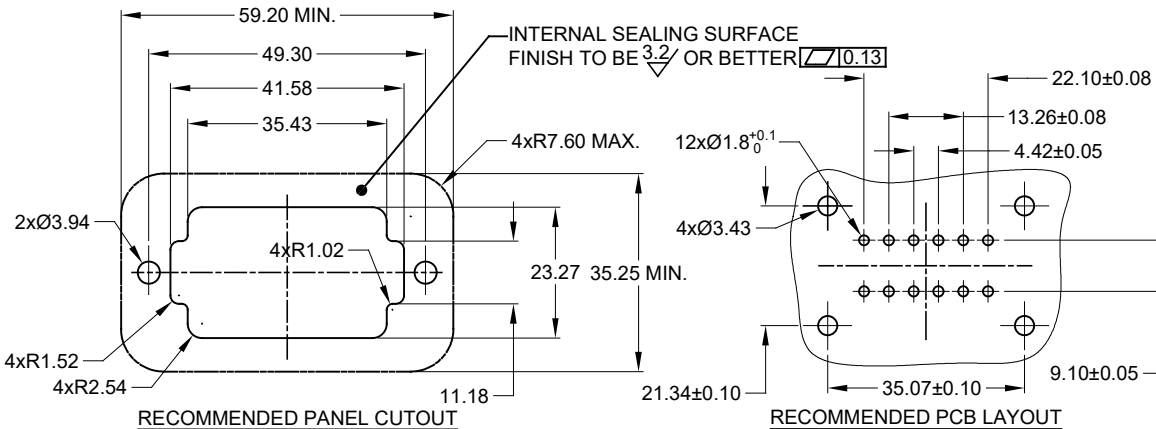
| AT15-12PC-BMXX VARIANTS |                             |                |
|-------------------------|-----------------------------|----------------|
| CONTACT PLATING         | POTTING OR NOT IN RESERVOIR | PART NUMBER    |
| GOLD                    | NO POTTING                  | AT15-12PC-BM01 |
| GOLD                    | POTTING                     | AT15-12PC-BM02 |
| TIN                     | NO POTTING                  | AT15-12PC-BM03 |
| TIN                     | POTTING                     | AT15-12PC-BM04 |

P/N AT15-12PD-BMXX  
KEY-D CONFIGURATION  
STANDARD COLOR: BROWN



KEYWAY  
(2) PLACES

| AT15-12PD-BMXX VARIANTS |                             |                |
|-------------------------|-----------------------------|----------------|
| CONTACT PLATING         | POTTING OR NOT IN RESERVOIR | PART NUMBER    |
| GOLD                    | NO POTTING                  | AT15-12PD-BM01 |
| GOLD                    | POTTING                     | AT15-12PD-BM02 |
| TIN                     | NO POTTING                  | AT15-12PD-BM03 |
| TIN                     | POTTING                     | AT15-12PD-BM04 |



|                                                                                                                                                                                                                                                                                                                                    |  |                                                                                                                                                                                                                                                                                 |      |                                                                                                                                         |          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------------------------------------------------------------------------------------------------------------------------------------|----------|
|                                                                                                                                                                                                                                                                                                                                    |  | AT15-12PX-BMXX                                                                                                                                                                                                                                                                  |      |                                                                                                                                         |          |
|                                                                                                                                                                                                                                                                                                                                    |  | PART NUMBER                                                                                                                                                                                                                                                                     |      | DESCRIPTION                                                                                                                             |          |
| QUANTITY                                                                                                                                                                                                                                                                                                                           |  | ITEM                                                                                                                                                                                                                                                                            |      |                                                                                                                                         |          |
|                                                                                                                                                                                                                                                                                                                                    |  | MATERIALS LIST                                                                                                                                                                                                                                                                  |      |                                                                                                                                         |          |
| <div>UNLESS OTHERWISE SPECIFIED</div> <div>1) All dimensions are in metric (mm).</div> <div>2) Tolerances are as follows:</div> <div>1 PL DEC ±0.30</div> <div>2 PL DEC ±0.15</div> <div>3 PL DEC ±0.08</div> <div>3) Note reference = </div> |  | <div>SIGNATURES</div> <div>DRAWN: JONY XIE</div> <div>CHECKED: ORION LI</div> <div>ENGINEER:</div> <div>APPROVAL: TOMMY XIE</div>                                                                                                                                               |      | <div>DATE</div> <div>19JUN18</div> <div>19JUN18</div> <div>19JUN18</div> <div>19JUN18</div>                                             |          |
| MATERIAL SPECIFICATIONS:                                                                                                                                                                                                                                                                                                           |  | CUSTOMER:                                                                                                                                                                                                                                                                       |      | <div>Amphenol</div> <div>Sine Systems - www.amphenol-sine.com</div> <div>44724 Morley Drive</div> <div>Clinton Township, MI 48036</div> |          |
| PROCESS SPECIFICATIONS:                                                                                                                                                                                                                                                                                                            |  | <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> |      |                                                                                                                                         |          |
| NEXT ASSY:                                                                                                                                                                                                                                                                                                                         |  | SIZE                                                                                                                                                                                                                                                                            | TYPE | DWG NO:                                                                                                                                 | REVISION |
|                                                                                                                                                                                                                                                                                                                                    |  | B                                                                                                                                                                                                                                                                               | C-   | AT15-12PX-BMXX                                                                                                                          | A2       |
|                                                                                                                                                                                                                                                                                                                                    |  | SCALE                                                                                                                                                                                                                                                                           | NONE |                                                                                                                                         |          |
|                                                                                                                                                                                                                                                                                                                                    |  | SHEET 3                                                                                                                                                                                                                                                                         |      | OF 3                                                                                                                                    |          |

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