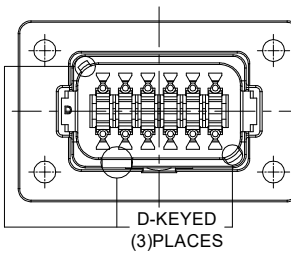
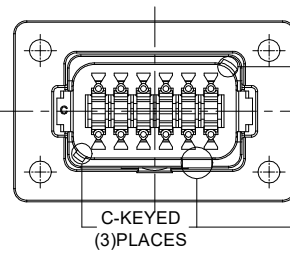
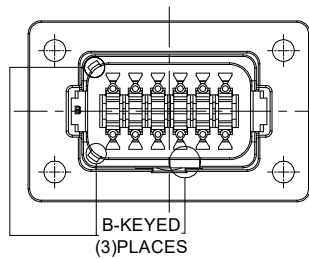
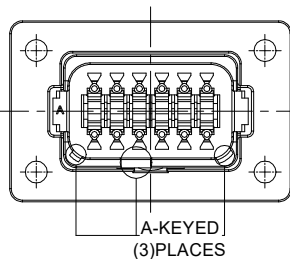
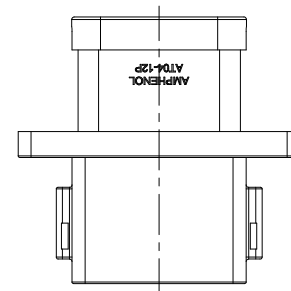
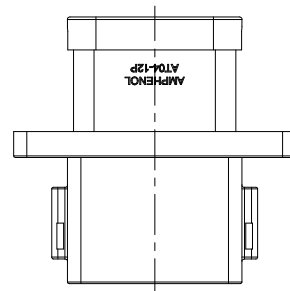
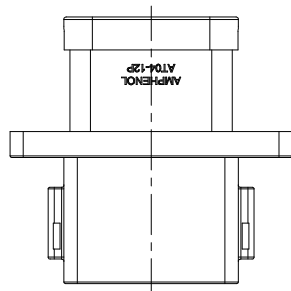
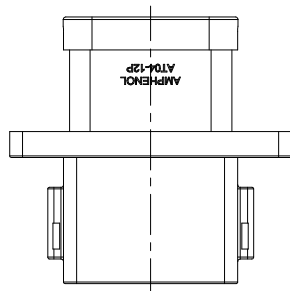


| REVISIONS | | | | | |
|-----------|--------|-----------------------|-----------|-------|-------|
| REV | ECO | DESCRIPTION | DATE | BY | APPR |
| A1 | - | RELEASE NUMBER | 30/NOV/18 | BROOK | TOMMY |
| A2 | C1403S | UPDATE THE APPEARANCE | 11/NOV/21 | LOUIE | TOMMY |



| KEY-A CONFIGURATION | |
|---------------------|----------------|
| COLOR | PART NUMBER |
| GREY | AT04-12PA-BL05 |

| KEY-B CONFIGURATION | |
|---------------------|----------------|
| COLOR | PART NUMBER |
| BLACK | AT04-12PB-BL05 |

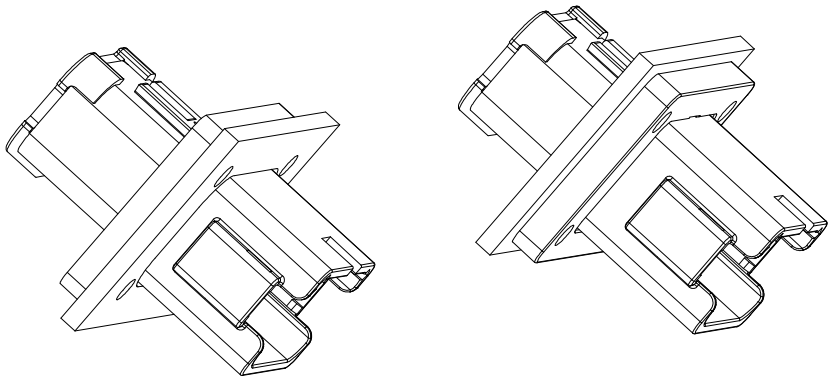
| KEY-C CONFIGURATION | |
|---------------------|----------------|
| COLOR | PART NUMBER |
| GREEN | AT04-12PC-BL05 |

| KEY-D CONFIGURATION | |
|---------------------|----------------|
| COLOR | PART NUMBER |
| BROWN | AT04-12PD-BL05 |

| | | | | | | | |
|---|--|--|--|---|--|---|--|
| | | SEE SHEET 2 | | | | | |
| | | PART NUMBER | | DESCRIPTION | | ITEM | |
| QUANTITY | | MATERIALS LIST | | | | | |
| <div>UNLESS OTHERWISE SPECIFIED</div> <div>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 = </div> | | <div>SIGNATURES</div> <div>DRAWN: LOUIE CHECKED: ORION ENGINEER: APPROVAL: TOMMY</div> | | <div>DATE</div> <div>11/NOV/21 12/NOV/21 15/NOV/21</div> | | <div>Amphenol</div> <div>Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036</div> | |
| MATERIAL SPECIFICATIONS: | | CUSTOMER: | | 12P RECEPTACLE,FLANGE MOUNT,ENHANCE KEY,END CAP | | | |
| WEIGHT:28.9g | | 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: | | | | | | | |
| NEXT ASSY: | | | | | | | |
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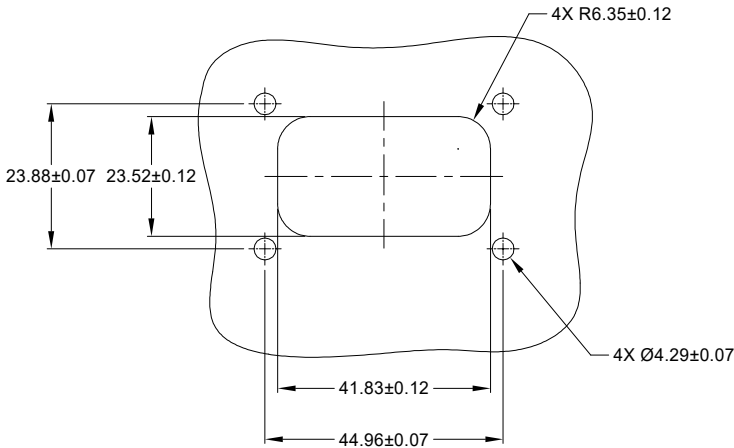
| REVISIONS | | | | | |
|-----------|--------|-----------------------|-----------|-------|-------|
| REV | ECO | DESCRIPTION | DATE | BY | APPR |
| A1 | - | RELEASE NUMBER | 30/NOV/18 | BROOK | TOMMY |
| A2 | C1403S | UPDATE THE APPEARANCE | 11/NOV/21 | LOUIE | TOMMY |

FOR REFERENCE ONLY




FRONT MOUNT

REAR MOUNT



RECOMMENDED CUTOUT
FRONT AND REAR MOUNT

| | | | | | | | |
|---|--|--|--|--|--|---|--|
| | | SEE SHEET 2 | | | | | |
| | | PART NUMBER | | DESCRIPTION | | ITEM | |
| QUANTITY | | 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: LOUIE</div> <div>CHECKED: ORION</div> <div>ENGINEER:</div> <div>APPROVAL: TOMMY</div> <div>CUSTOMER:</div> | | <div>DATE</div> <div>11/NOV/21</div> <div>12/NOV/21</div> <div></div> <div>15/NOV/21</div> <div></div> | | <div>Amphenol</div> <div>Sine Systems - www.amphenol-sine.com</div> <div>44724 Morley Drive</div> <div>Clinton Township, MI 48036</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. | | | | | |
| WEIGHT:28.9g | | 12P RECEPTACLE,FLANGE MOUNT,ENHANCE KEY,END CAP | | | | | |
| PROCESS SPECIFICATIONS: | | SIZE TYPE DWG NO. | | | | | |
| NEXT ASSY: | | SCALE: NONE | | | | | |
| | | SHEET 3 OF 3 | | REVISION A2 | | | |

A Series™ - Contact Size 16 Options (Works with: AT, ATV, AHD-9, ARC, DuraMate and PanelMate Series)

| Machined Contacts, Sockets & Pins | | | | |
|-----------------------------------|--|------|-------|----------|
| Part Number | Description | Size | AWG | Type |
| AT60-215-1631 | Male Contact - Pin, Gold-plated | 16 | 14 | Machined |
| AT62-209-1631 | Female Contact - Socket, Gold-plated | 16 | 14 | Machined |
| AT60-215-16141 | Male Contact - Pin, Nickel-plated | 16 | 14 | Machined |
| AT62-209-16141 | Female Contact - Socket, Nickel-plated | 16 | 14 | Machined |
| AT60-202-1631 | Male Contact - Pin, Gold-plated | 16 | 16-20 | Machined |
| AT62-201-1631 | Female Contact - Socket, Gold-plated | 16 | 16-20 | Machined |
| AT60-202-16141 | Male Contact - Pin, Nickel-plated | 16 | 16-20 | Machined |
| AT62-201-16141 | Female Contact - Socket, Nickel-plated | 16 | 16-20 | Machined |
| AT60-202-1631-22 | Male Contact - Pin, Gold-plated | 16 | 22-24 | Machined |
| AT62-201-1631-22 | Female Contact - Socket, Gold-plated | 16 | 22-24 | Machined |
| AT60-202-16141-22 | Male Contact - Pin, Nickel-plated | 16 | 22-24 | Machined |
| AT62-201-16141-22 | Female Contact - Socket, Nickel-plated | 16 | 22-24 | Machined |

| Tooling - Machined Contacts | |
|-----------------------------|---|
| Part Number | Description |
| AUTK-20 | Hand Crimp Tool, Size 20 |
| AUTK-100 | Universal Heavy Duty Contact Crimping Tool Kit, Size 12/16/20 |
| CA-5D12 | Universal Hand Crimp Tool, Size 12/16/20 |
| CA-5E12 | Pneumatic Crimp Tool, Size 12/16/20 |

| Contact Removal Tools (For both Machined or Stamped & Formed Contacts) | |
|--|--|
| Part Number | Description |
| ATRT-100 | Contact and Wedgelock Extraction Tool |
| AT11-310-1605 | Contact Removal Tool, Plastic, Size 16 |

| Sealing Plugs (For both Machined or Stamped & Formed Contacts) | |
|--|---|
| Part Number | Description |
| A114017 | Sealing Plug, Size 16, White |
| A114017-SR | Sealing Plug, Size 16, SR01 Series, Black |
| AT13-217-1605 | Locking Sealing Plug, Size 16, Grey |
| AT13-217-1605-SR | Locking Sealing Plug, Size 16, SR01 Series, Red |

| Stamped & Formed Contacts, Sockets & Pins | | | | |
|---|--|------|-------|------------------|
| Part Number | Description | Size | AWG | Type |
| AT60-14-0144 | Male Contact - Pin, Gold-plated | 16 | 14-16 | Stamped & Formed |
| AT62-14-0144 | Female Contact - Socket, Gold-plated | 16 | 14-16 | Stamped & Formed |
| AT60-14-0122 | Male Contact - Pin, Nickel-plated | 16 | 14-16 | Stamped & Formed |
| AT62-14-0122 | Female Contact - Socket, Nickel-plated | 16 | 14-16 | Stamped & Formed |
| AT60-16-0144 | Male Contact - Pin, Gold-plated | 16 | 16-18 | Stamped & Formed |
| AT62-16-0144 | Female Contact - Socket, Gold-plated | 16 | 16-18 | Stamped & Formed |
| AT60-16-0122 | Male Contact - Pin, Nickel-plated | 16 | 16-18 | Stamped & Formed |
| AT62-16-0122 | Female Contact - Socket, Nickel-plated | 16 | 16-18 | Stamped & Formed |
| AT60-16-0644 | Male Contact - Pin, Gold-plated | 16 | 18-20 | Stamped & Formed |
| AT62-16-0644 | Female Contact - Socket, Gold-plated | 16 | 18-20 | Stamped & Formed |
| AT60-16-0622 | Male Contact - Pin, Nickel-plated | 16 | 18-20 | Stamped & Formed |
| AT62-16-0622 | Female Contact - Socket, Nickel-plated | 16 | 18-20 | Stamped & Formed |
| AT60-16-0844 | Male Contact - Pin, Gold-plated | 16 | 20-22 | Stamped & Formed |
| AT62-16-0844 | Female Contact - Socket, Gold-plated | 16 | 20-22 | Stamped & Formed |
| AT60-16-0822 | Male Contact - Pin, Nickel-plated | 16 | 20-22 | Stamped & Formed |
| AT62-16-0822 | Female Contact - Socket, Nickel-plated | 16 | 20-22 | Stamped & Formed |

| Tooling - Stamped & Formed Contacts | |
|-------------------------------------|-------------------------------------|
| MF3-3950 | Crimp Die - Size 16, 18-20AWG |
| MF3-3953 | Crimp Die - Size 16, 16-18AWG |
| MF3-3975 | Crimp Die - Size 16, 14-16AWG |
| MF3-3990 | Crimp Die - Size 16, 20-22AWG |
| ATT-16-00 | Hand Crimp Tool - Size 16, 14-16AWG |
| ATT-16-01 | Hand Crimp Tool - Size 16, 18-20AWG |
| ATT-1612-03 | Hand Crimp Tool - Size 16, 20-22AWG |