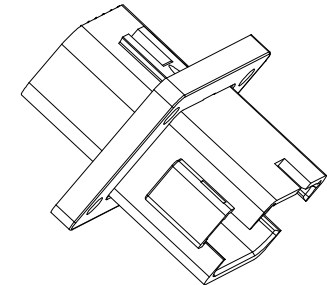
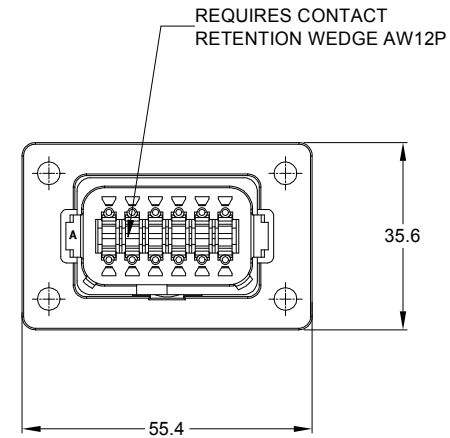
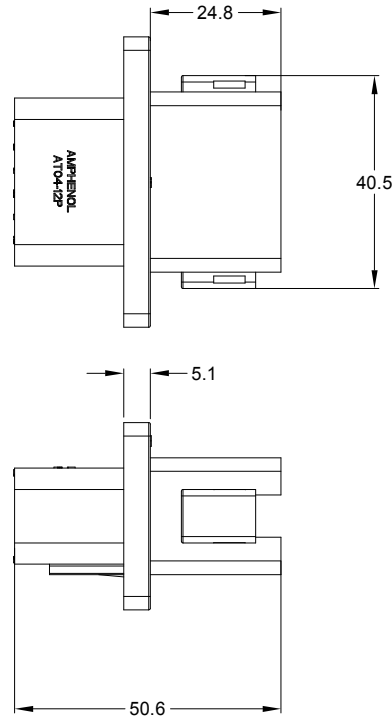
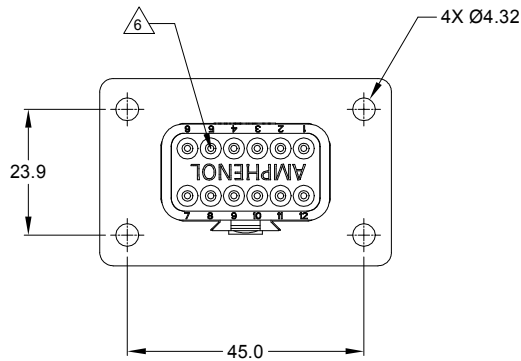


| REVISIONS | | | | | |
|-----------|-----|----------------|-----------|--------|-------|
| REV | ECO | DESCRIPTION | DATE | BY | APPR |
| A1 | - | RELEASE NUMBER | 30/NOV/18 | ROOKIE | TOMMY |



NOTES: UNLESS OTHERWISE SPECIFIED

1. SEE SHEET 2 FOR KEY ARRANGEMENTS AND COLORS.

2. MATERIAL:
HOUSING: THERMOPLASTIC
SEAL: SILICONE RUBBER

3. MODIFICATIONS: FLANGE

4. SPECIFICATIONS:
4.1 CURRENT RATING: 13 AMPS
4.2 OPERATING TEMPERATURE: -55°C TO +125°C.
4.3 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.
4.4 INSULATION RESISTANCE: 1000 MEGOHMS MIN @ 25°C.
4.5 MOISTURE RESISTANCE: IP67 (MATED CONDITION)
4.6 MATING CYCLE DURABILITY: 100 CYCLES
4.7 RoHS COMPLIANT

5. MATING PART: AT06-12SX* PLUG.
(X=A,B,C,D KEYS, * = MODIFICATIONS AND COLORS)

6. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

7. CONTACT SIZE AND REAR SEAL WIRE RANGE:

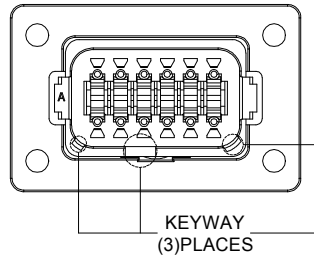
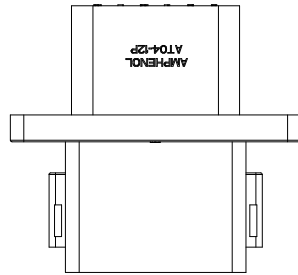
| CONTACT SIZE | MIN. INSUL O.D. | MAX. INSUL O.D. | TYPICAL WIRE RANGE |
|--------------|-------------------|-------------------|--------------------|
| 16 | 2.24 mm (.088 in) | 3.68 mm (.145 in) | 14 - 20 AWG |

| 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 Fractions ±1/64 Angles ±1° 3) Note reference = | | SIGNATURES DRAWN: ROOKIE CHECKED: ORON APPROVAL: TOMMY DATE: 30/NOV/18 DATE: 30/NOV/18 DATE: 30/NOV/18 | | Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036 |
| MATERIAL SPECIFICATIONS: PROCESS SPECIFICATIONS: NEXT ASSY: | | 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. | | |
| SIZE: B C- SCALE: NONE | | DWG NO.: AT04-12PX-BL04 REVISION: A1 | | SHEET 1 OF 3 |

TITLE: 12P RECEPTACLE, FLANGE MOUNT, ENHANCE KEY
 DWG NO.: AT04-12PX-BL04
 REV: A1
 SH: 1
 OF: 3

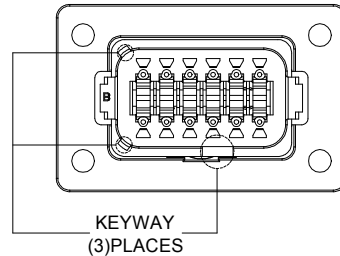
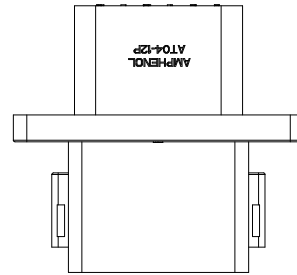
| REVISIONS | | | | | |
|-----------|-----|----------------|-----------|--------|-------|
| REV | ECO | DESCRIPTION | DATE | BY | APPR |
| A1 | - | RELEASE NUMBER | 30/NOV/18 | ROOKIE | TOMMY |

KEY A CONFIGURATION
STANDARD COLOR:GREY



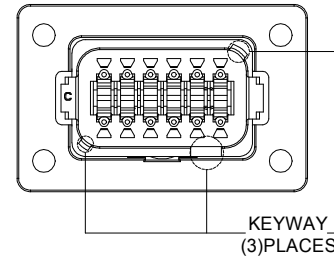
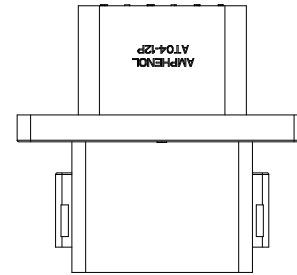
| KEY-A CONFIGURATION | |
|---------------------|----------------|
| COLOR | PART NUMBER |
| GREY | AT04-12PA-BL04 |

KEY B CONFIGURATION
STANDARD COLOR:BLACK



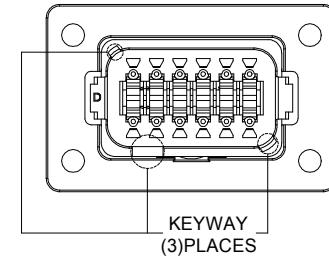
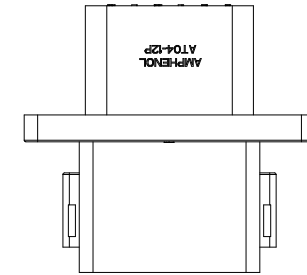
| KEY-B CONFIGURATION | |
|---------------------|----------------|
| COLOR | PART NUMBER |
| BLACK | AT04-12PB-BL04 |

KEY C CONFIGURATION
STANDARD COLOR:GREEN



| KEY-C CONFIGURATION | |
|---------------------|----------------|
| COLOR | PART NUMBER |
| GREEN | AT04-12PC-BL04 |

KEY D CONFIGURATION
STANDARD COLOR:BROWN



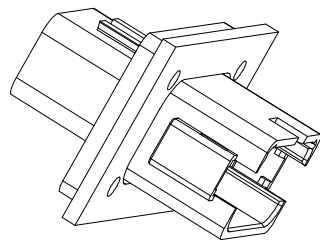
| KEY-D CONFIGURATION | |
|---------------------|----------------|
| COLOR | PART NUMBER |
| BROWN | AT04-12PD-BL04 |

TITLE: 12P RECEPTACLE, FLANGE MOUNT, ENHANCE KEY
DWG NO.: AT04-12PX-BL04
REV: A1
SH: 2
OF: 3

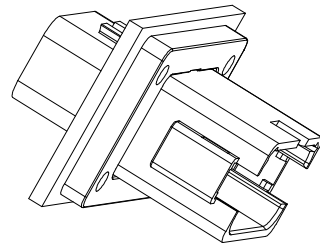
| QUANTITY | SEE SHEET 2 PART NUMBER | DESCRIPTION | ITEM |
|--|----------------------------|---|---|
| MATERIALS LIST | | | |
| UNLESS OTHERWISE SPECIFIED 1) All dimensions are in metric(mm). 2) Tolerances are as follows: 1 PL DEC ± 0.30 2 PL DEC ± 0.15 3 PL DEC ± 0.08 3) Note reference = \triangle | | SIGNATURES DRAWN: ROOKIE 30NOV/18 CHECKED: ORION 30NOV/18 ENGINEER: APPROVAL: TOMMY 30NOV/18 CUSTOMER: | DATE 30NOV/18 |
| MATERIAL SPECIFICATIONS: PROCESS SPECIFICATIONS: NEXT ASSY: | | Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036 12P RECEPTACLE, FLANGE MOUNT, ENHANCE KEY | |
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| REVISIONS | | | | | |
|-----------|-----|----------------|-----------|--------|-------|
| REV | ECO | DESCRIPTION | DATE | BY | APPR |
| A1 | - | RELEASE NUMBER | 30/NOV/18 | ROOKIE | TOMMY |

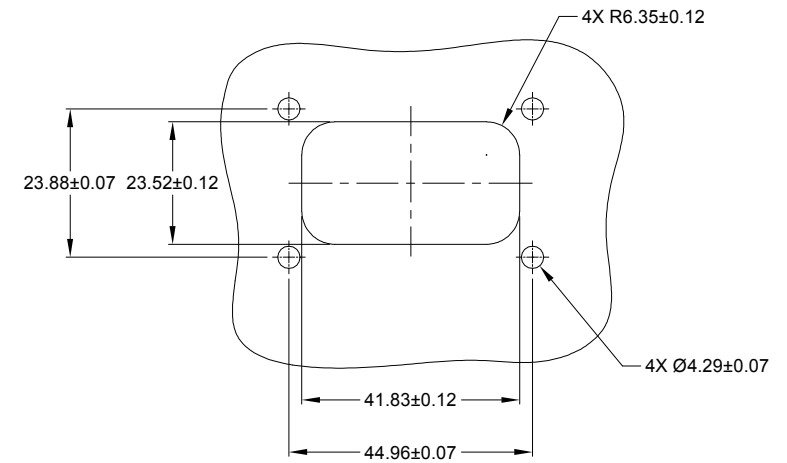
FOR REFERENCE ONLY



FRONT MOUNT



REAR MOUNT



RECOMMENDED CUTOUT
FRONT AND REAR MOUNT

| | | |
|-------------|-------------|------|
| SEE SHEET 2 | | |
| PART NUMBER | DESCRIPTION | ITEM |

| QUANTITY | | MATERIALS LIST | | ITEM | |
|--|--|--|--------------------------------|--|--------------|
| 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 Angles ±1° 3 PL DEC ±0.08 3) Note reference = | | SIGNATURES DRAWN: ROOKIE CHECKED: ORION ENGINEER: APPROVAL: TOMMY | | DATE 30/NOV/18 30/NOV/18 30/NOV/18 | |
| MATERIAL SPECIFICATIONS: | | CUSTOMER: | | Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036 12P RECEPTACLE, FLANGE MOUNT, ENHANCE KEY | |
| 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: | | SCALE: NONE | | | |
| | | SIZE: B TYPE: C- SCALE: NONE | DWG NO.: AT04-12PX-BL04 | REVISION: A1 | SHEET 3 OF 3 |

TITLE: 12P RECEPTACLE, FLANGE MOUNT, ENHANCE KEY
 DWG NO.: AT04-12PX-BL04
 REV: A1
 SH: 3
 OF: 3

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