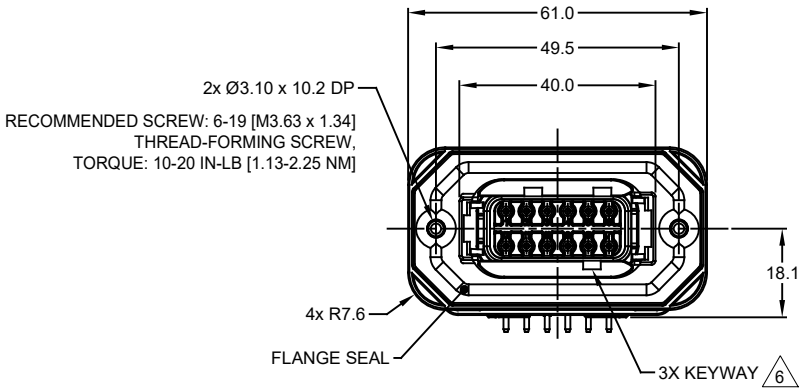
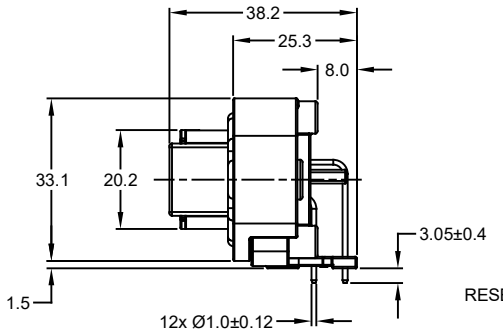
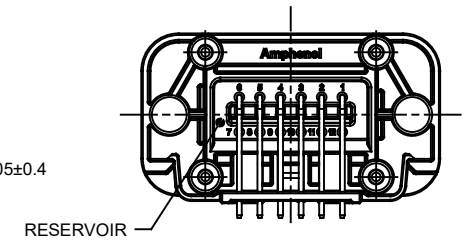
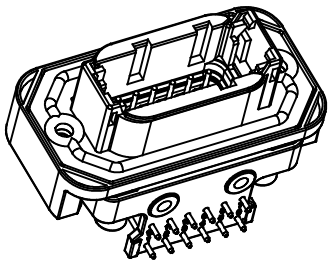
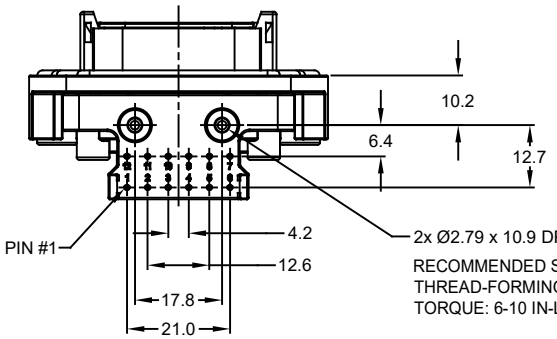
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| REV | ECO | DESCRIPTION | DATE | BY | APPR |
| A1 | - | RELEASE NEW DRAWING | 15JUN18 | SULLEN | TOMMY |

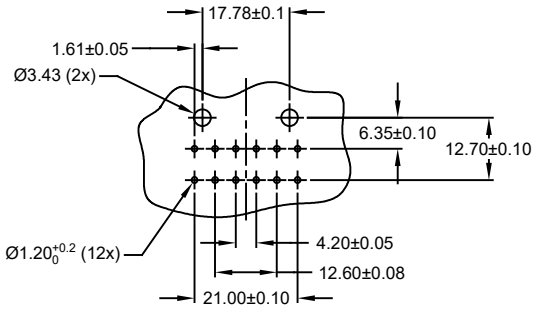





RECOMMENDED PCB LAYOUT
VIEW FROM COMPONENTS
SIDE OF PCB

NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL:
   HOUSING: THERMOPLASTIC, GREY
   SEAL: SILICONE RUBBER
   CONTACT: COPPER ALLOY

2. CONTACT PLATING: SEE SHEET 2

3. MODIFICATIONS: FLANGE; RA PCB MOUNT

4. SPECIFICATIONS:
   4.1 CURRENT RATING: 7.5 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: ATM06-12SX-*
   ( X = A,B,C,D KEYS ; * = MODIFICATIONS AND COLORS)

6. SEE SHEET 2 FOR OTHER KEY ARRANGEMENTS AND COLORS

7. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY

| | ATM13-12PX-BMXX | | |
|---|---|---|---|
| | PART NUMBER | DESCRIPTION | ITEM |
| 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 | Angles ±1°
3 PL DEC ±0.08
3) Note reference = X

MATERIAL SPECIFICATIONS:

PROCESS SPECIFICATIONS:

NEXT ASSY:

| SIGNATURES | | DATE |
|---|---|---|
| DRAWN: | SULLEN ZHANG | 15JUN18 |
| CHECKED: | ORION LI | 15JUN18 |
| ENGINEER: | | |
| APPROVAL: | TOMMY XIE | 15JUN18 |
| CUSTOMER: | | |

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

PCB MOUNT RECEPTACLE 12PIN, RA FLANGE, ATM SERIES

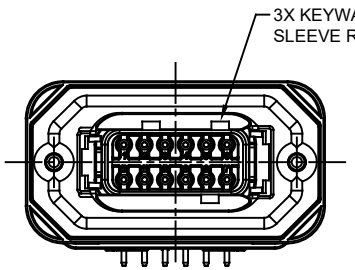
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|---|---|---|---|
| B | C- | ATM13-12PX-BMXX | A1 |

SCALE: NONE SHEET 1 OF 2

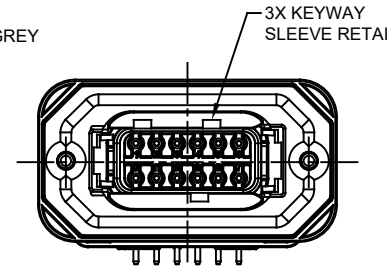
TITLE: PCB MOUNT RECEPTACLE 12PIN, RA FLANGE, ATM SERIES
DWG NO: ATM13-12PX-BMXX
REV: A1
SH: 1
OF: 2

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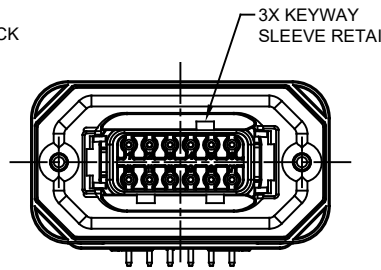
| REVISIONS | | | | | |
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| REV | ECO | DESCRIPTION | DATE | BY | APPR |
| A1 | - | RELEASE NEW DRAWING | 15JUN18 | SULLEN | TOMMY |



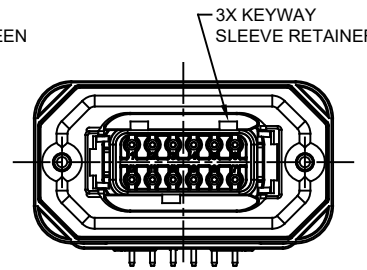

ATM13-12PA-BMXX
KEY A




ATM13-12PB-BMXX
KEY B




ATM13-12PC-BMXX
KEY C



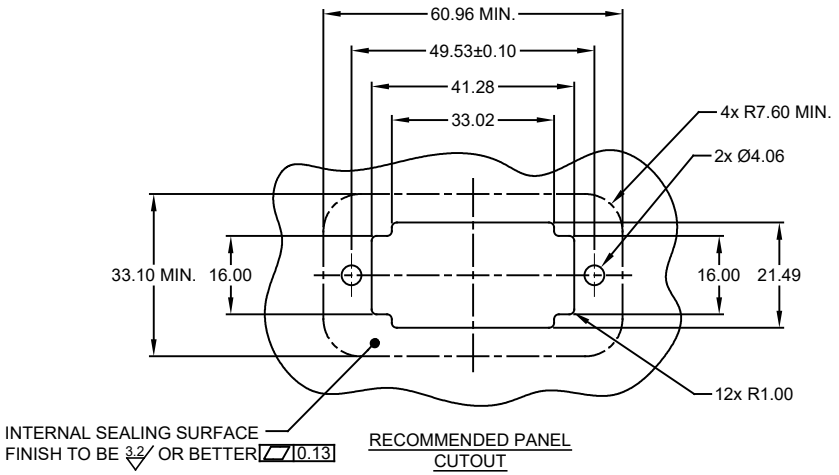

ATM13-12PD-BMXX
KEY D

| ATM13-12PA-BMXX VARIANTS | | |
|---|---|---|
| CONTACT PLATING | POTTING OR NOT IN RESERVOIR | PART NUMBER |
| GOLD | NO POTTING | ATM13-12PA-BM01 |
| GOLD | POTTING | ATM13-12PA-BM02 |
| TIN | NO POTTING | ATM13-12PA-BM03 |
| TIN | POTTING | ATM13-12PA-BM04 |

| ATM13-12PB-BMXX VARIANTS | | |
|---|---|---|
| CONTACT PLATING | POTTING OR NOT IN RESERVOIR | PART NUMBER |
| GOLD | NO POTTING | ATM13-12PB-BM01 |
| GOLD | POTTING | ATM13-12PB-BM02 |
| TIN | NO POTTING | ATM13-12PB-BM03 |
| TIN | POTTING | ATM13-12PB-BM04 |

| ATM13-12PC-BMXX VARIANTS | | |
|---|---|---|
| CONTACT PLATING | POTTING OR NOT IN RESERVOIR | PART NUMBER |
| GOLD | NO POTTING | ATM13-12PC-BM01 |
| GOLD | POTTING | ATM13-12PC-BM02 |
| TIN | NO POTTING | ATM13-12PC-BM03 |
| TIN | POTTING | ATM13-12PC-BM04 |

| ATM13-12PD-BMXX VARIANTS | | |
|---|---|---|
| CONTACT PLATING | POTTING OR NOT IN RESERVOIR | PART NUMBER |
| GOLD | NO POTTING | ATM13-12PD-BM01 |
| GOLD | POTTING | ATM13-12PD-BM02 |
| TIN | NO POTTING | ATM13-12PD-BM03 |
| TIN | POTTING | ATM13-12PD-BM04 |




| ITEM | DESCRIPTION | PART NUMBER | QUANTITY |
|---|---|---|---|
| | | ATM13-12PX-BMXX | |

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 = A

MATERIAL SPECIFICATIONS:

PROCESS SPECIFICATIONS:

NEXT ASS'Y:

| SIGNATURES | | DATE |
|---|---|---|
| DRAWN: | SULLEN.ZHANG | 15JUN18 |
| CHECKED: | ORION.LI | 15JUN18 |
| ENGINEER: | | |
| APPROVAL: | TOMMY.XIE | 15JUN18 |
| CUSTOMER: | | |

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

PCB MOUNT RECEPTACLE 12PIN,
RA FLANGE, ATM SERIES

| SIZE | TYPE | DWG NO: | REVISION |
|---|---|---|---|
| B | C- | ATM13-12PX-BMXX | A1 |

SCALE NONE SHEET 2 OF 2

TITLE: PCB MOUNT RECEPTACLE 12PIN, RA FLANGE, ATM SERIES
DWG NO: ATM13-12PX-BMXX
REV: A1
SH: 2
OF: 2

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