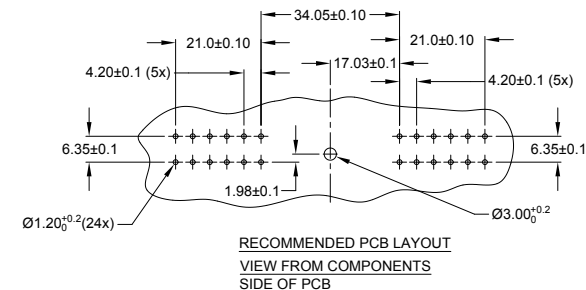
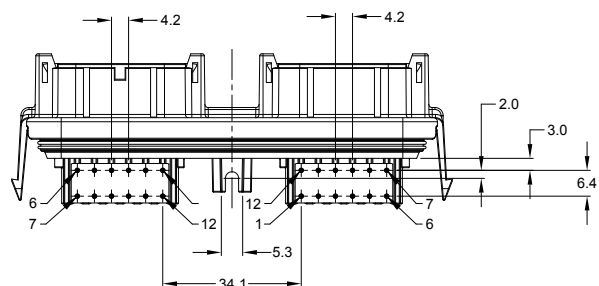
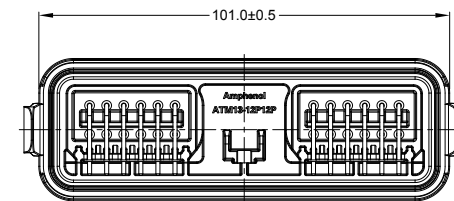
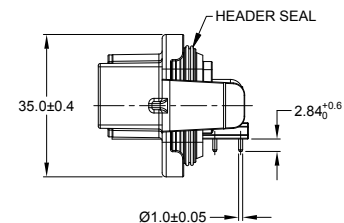
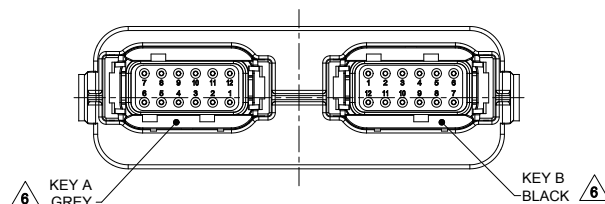
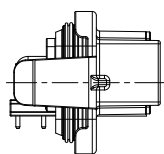
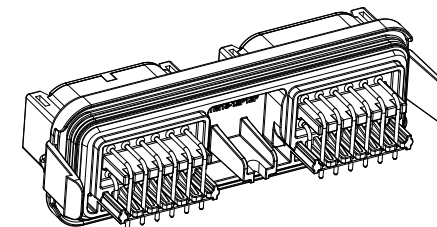
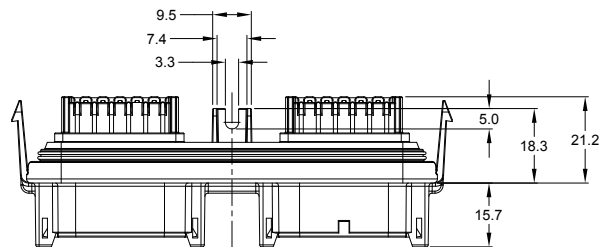


| REVISIONS | | | | | |
|-----------|-----|---------------------|---------|--------|-------|
| REV | ECO | DESCRIPTION | DATE | BY | APPR |
| A1 | - | RELEASE NEW DRAWING | 06NOV18 | SULLEN | TOMMY |



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: IP67 (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-325X4* ENCLOSURE
(* = ALL MODIFICATIONS)

SEE SHEET 2 AND 3 FOR OTHER KEY ARRANGEMENTS AND COLORS

7. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY

| | | | | |
|---|----------------|--|----------|---------|
| ATM13-12PX-12PX-BMXX | | DESCRIPTION | | ITEM |
| PART NUMBER | | | | |
| QUANTITY | MATERIALS LIST | | | |
| UNLESS OTHERWISE SPECIFIED | | SIGNATURES | | DATE |
| 1) All dimensions are in metric (mm). | | DRAWN: SULENZHANG | | 06NOV18 |
| 2) Tolerances are as follows: | | CHECKED: ORIONLI | | 06NOV18 |
| 1 PL DEC ±0.30 Fractions ±1/64 | | ENGINEER: | | |
| 2 PL DEC ±0.15 Angles ±1° | | APPROVAL: TOMMYXIE | | 06NOV18 |
| 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: | | <div>Amphenol</div> <div>Sine Systems - www.amphenol-sine.com</div> <div>44724 Morley Drive</div> <div>Clinton Township, MI 48036</div> <div>RECEPTACLE ATM HEADER,</div> <div>2 x 12 POSITIONS, SIZE 20 CONTACT</div> | | |
| PROCESS SPECIFICATIONS: | | | | |
| NEXT ASSY: | | | | |
| SIZE | TYPE | DWG NO. | REVISION | |
| B | C- | ATM13-12PX-12PX-BMXX | A1 | |
| SCALE | NONE | SHEET | | 1 OF 3 |

TITLE: RECEPTACLE ATM HEADER, 2x12 POSITIONS, SIZE 20 CONTACT

DWG NO: ATM13-12PX-12PX-BMXX

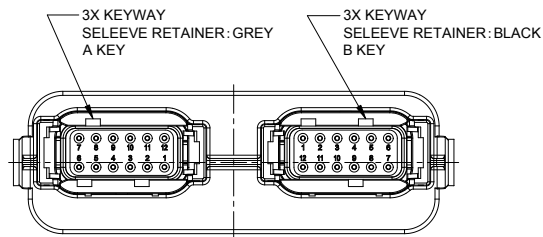
REV: A1

SH: 1

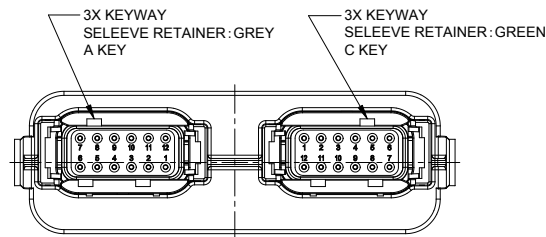
OF: 3

3

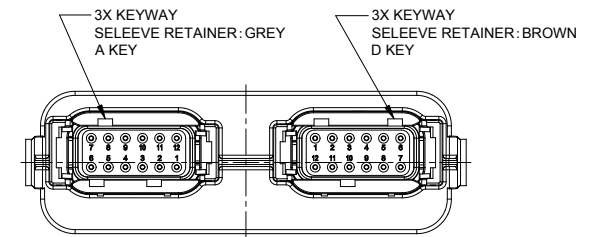
| REVISIONS | | | | | |
|-----------|-----|---------------------|---------|--------|-------|
| REV | ECO | DESCRIPTION | DATE | BY | APPR |
| A1 | - | RELEASE NEW DRAWING | 06NOV18 | SULLEN | TOMMY |



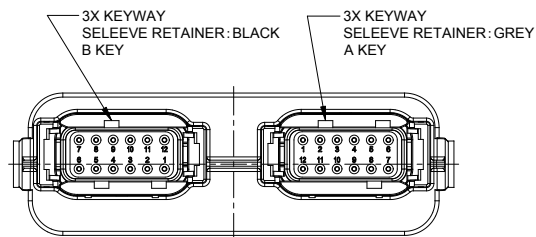
ATM13-12PA-12PB-BMXX
KEY AB



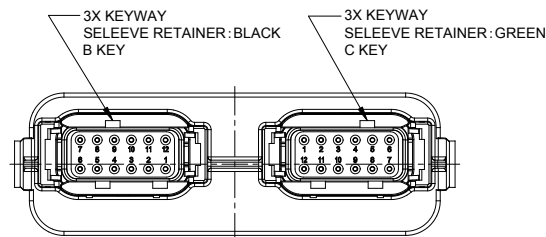
ATM13-12PA-12PC-BMXX
KEY AC



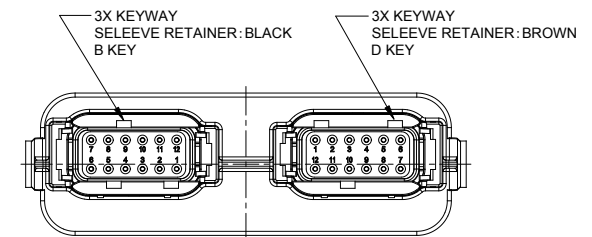
ATM13-12PA-12PD-BMXX
KEY AD



ATM13-12PB-12PA-BMXX
KEY BA




ATM13-12PB-12PC-BMXX
KEY BC



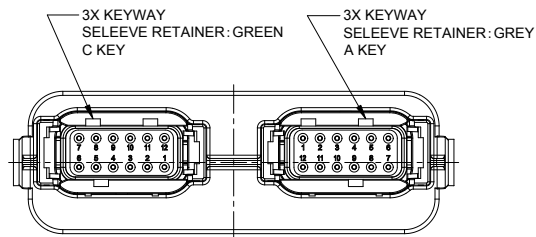
ATM13-12PB-12PD-BMXX
KEY BD

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

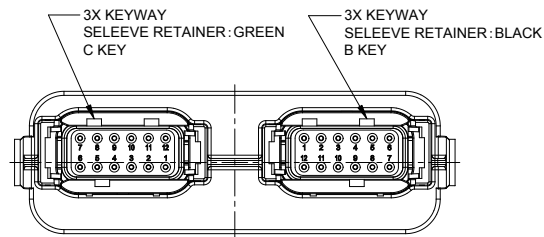
| | | | | |
|---|----------------|--|----------------------|--|
| ATM13-12PX-12PX-BMXX | | DESCRIPTION | | ITEM |
| PART NUMBER | | | | |
| QUANTITY | MATERIALS LIST | | | |
| UNLESS OTHERWISE SPECIFIED 1) All dimensions are in metric (mm). 2) Tolerances are as follows: 1 PL DEC ± 0.30 2 PL DEC ± 0.15 3 PL DEC ± 0.08 3) Note reference =  | | SIGNATURES DRAWN: SULENZHANG CHECKED: ORIONLI ENGINEER: APPROVAL: TOMMYXIE | | DATE 06NOV18 06NOV18 06NOV18 |
| MATERIAL SPECIFICATIONS: | | CUSTOMER: | | |
| 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: | | | | |
| | | <div>Amphenol</div> <div>Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036</div> <div>RECEPTACLE ATM HEADER, 2 x 12 POSITIONS, SIZE 20 CONTACT</div> | | |
| SIZE | | TYPE | DWG NO: | REVISION |
| B C- | | | ATM13-12PX-12PX-BMXX | A1 |
| SCALE | | NONE | | |
| | | SHEET 2 OF 3 | | |

TITLE: RECEPTACLE ATM HEADER, 2x12 POSITIONS, SIZE 20 CONTACT
DWG NO: ATM13-12PX-12PX-BMXX
REV: A1
SH: 2
OF: 3

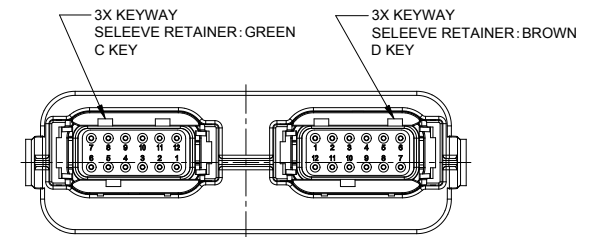
| REVISIONS | | | | | |
|-----------|-----|---------------------|---------|--------|-------|
| REV | ECO | DESCRIPTION | DATE | BY | APPR |
| A1 | - | RELEASE NEW DRAWING | 06NOV18 | SULLEN | TOMMY |



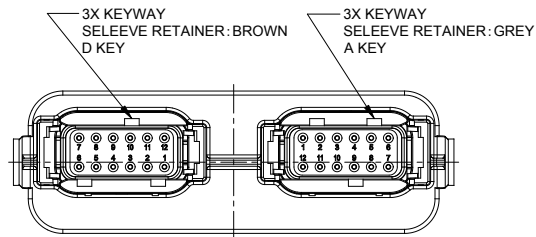
ATM13-12PC-12PA-BMXX
KEY CA



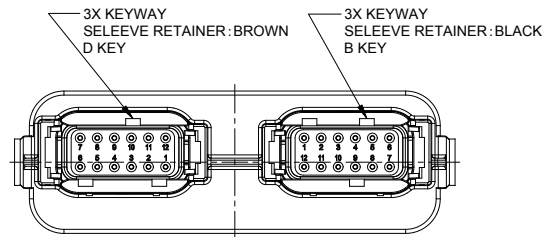
ATM13-12PC-12PB-BMXX
KEY CB



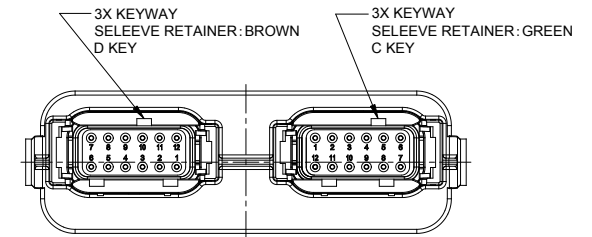
ATM13-12PC-12PD-BMXX
KEY CD



ATM13-12PD-12PA-BMXX
KEY DA




ATM13-12PD-12PB-BMXX
KEY DB



ATM13-12PD-12PC-BMXX
KEY DC

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

| | | | | |
|---|-------------------------------------|--|----------|---|
| ATM13-12PX-12PX-BMXX | | DESCRIPTION | | ITEM |
| PART NUMBER | | | | |
| QUANTITY | 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 Angles $\pm 1^\circ$ 3) Note reference =  | | SIGNATURES DATE DRAWN: SULENZHANG 06NOV18 CHECKED: ORIONLI 06NOV18 ENGINEER: APPROVAL: TOMMYXIE 06NOV18 | | <div><h1>Amphenol</h1><p>Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036</p></div> <div><h2>RECEPTACLE ATM HEADER, 2 x 12 POSITIONS, SIZE 20 CONTACT</h2></div> |
| MATERIAL SPECIFICATIONS: | | CUSTOMER: | | |
| 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: | SIZE TYPE DWG NO: | | REVISION | |
| | B C- ATM13-12PX-12PX-BMXX | | A1 | |
| SCALE: NONE | | SHEET 3 OF 3 | | |

TITLE: RECEPTACLE ATM HEADER, 2 x 12 POSITIONS, SIZE 20 CONTACT
DWG NO: ATM13-12PX-12PX-BMXX
REV: A1
SH: 3
OF: 3