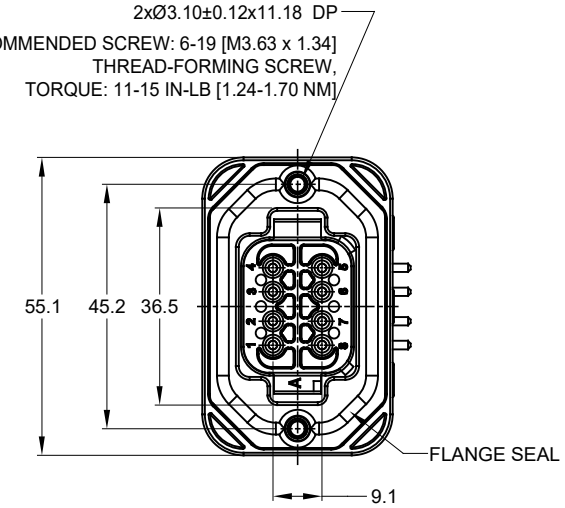
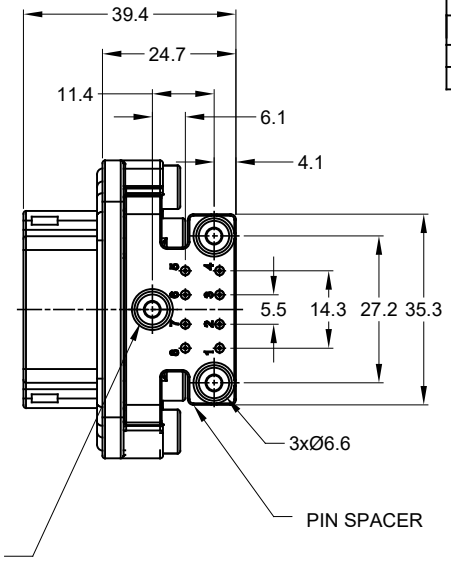
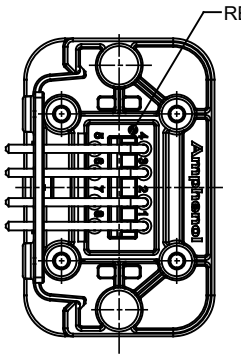
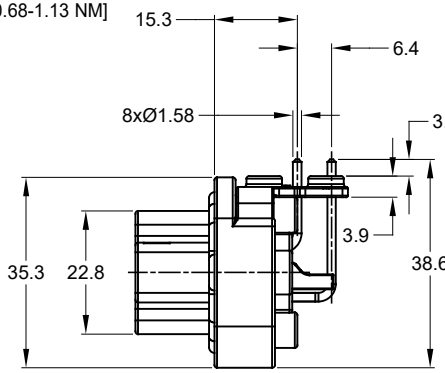
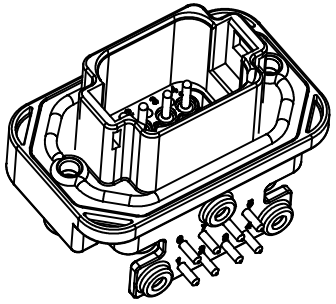


NOTES: UNLESS OTHERWISE SPECIFIED

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

2. MODIFICATIONS: FLANGE,PCB MOUNT,RIGHT ANGLE

3. 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

4. MATING PART: AT06-08S* PLUG
   ( * = MODIFICATIONS )

5. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

6. POTTED CONNECTORS SPECIFIED FOR UP TO 5 P.S.I. APPLICATIONS.

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

| | | | |
|---|---|---|---|
| | AT13-08PX-BMXX | REF: DT13-08PA, DT13-08PB, DT13-08PC, DT13-08PD, DT13-08PA-G003, DT13-08PB-G003 | |
| | 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: | JONY.XIE | 19JUN18 |
| CHECKED: | JONY.XIE | 19JUN18 |
| ENGINEER: | | |
| APPROVAL: | TOMMY.XIE | 19JUN18 |
| CUSTOMER: | | |

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Amphenol

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

BOARDLOCK PCB MOUNT RECEPTACLE,
8 PIN, RA FLANGE, AT SERIES

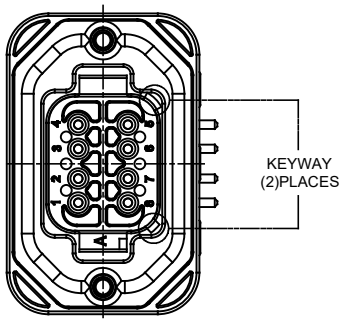
| SIZE | TYPE | DWG NO: | REVISION |
|---|---|---|---|
| B | C- | AT13-08PX-BMXX | A2 |

SCALE: NONE SHEET 1 OF 3

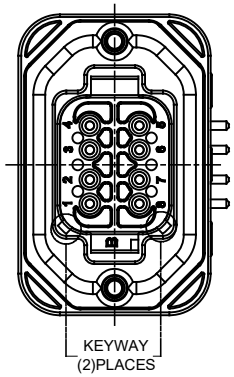
TITLE: PCB MOUNT RECEPTACLE,8PIN,RA FLANGE,AT SERIES
DWG NO: AT13-08PX-BMXX
REV: A2
SH: 1
OF: 3

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

P/N AT13-08PA-BMXX
KEY-A CONFIGURATION
STANDARD COLOR: GREY




P/N AT13-08PB-BMXX
KEY-B CONFIGURATION
STANDARD COLOR: BLACK




| AT13-08PA-BMXX VARIANTS | | |
|---|---|---|
| CONTACT PLATING | POTTING OR NOT IN RESERVOIR | PART NUMBER |
| GOLD | NO POTTING | AT13-08PA-BM01 |
| GOLD | POTTING | AT13-08PA-BM02 |
| TIN | NO POTTING | AT13-08PA-BM03 |
| TIN | POTTING | AT13-08PA-BM04 |

| AT13-08PB-BMXX VARIANTS | | |
|---|---|---|
| CONTACT PLATING | POTTING OR NOT IN RESERVOIR | PART NUMBER |
| GOLD | NO POTTING | AT13-08PB-BM01 |
| GOLD | POTTING | AT13-08PB-BM02 |
| TIN | NO POTTING | AT13-08PB-BM03 |
| TIN | POTTING | AT13-08PB-BM04 |

| | AT13-08PX-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: | JONY.XIE | 19JUN18 |
| CHECKED: | ORION.LI | 19JUN18 |
| ENGINEER: | | |
| APPROVAL: | TOMMY.XIE | 19JUN18 |
| CUSTOMER: | | |

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BOARDLOCK PCB MOUNT RECEPTACLE,
8 PIN, RA FLANGE, AT SERIES

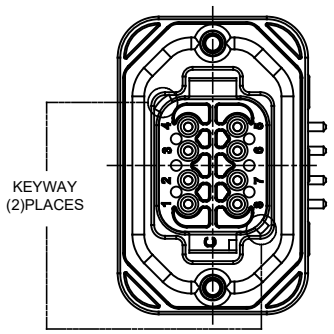
| SIZE | TYPE | DWG NO: | REVISION |
|---|---|---|---|
| B | C- | AT13-08PX-BMXX | A2 |

SCALE: NONE SHEET 2 OF 3

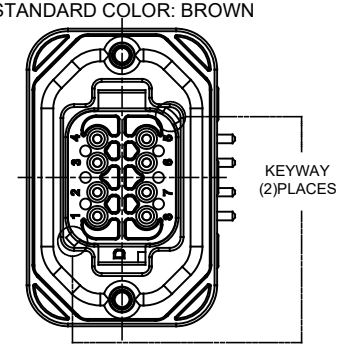
TITLE: PCB MOUNT RECEPTACLE,8PIN,RA FLANGE,AT SERIES
DWG NO: AT13-08PX-BMXX
REV: A2
SH: 2
OF: 3

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

P/N AT13-08PC-BMXX
KEY-C CONFIGURATION
STANDARD COLOR: GREEN

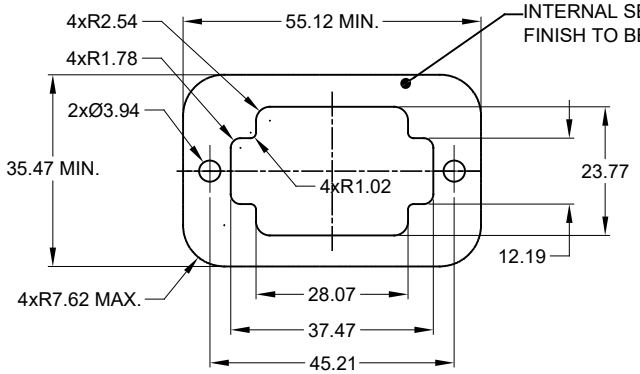



P/N AT13-08PD-BMXX
KEY-D CONFIGURATION
STANDARD COLOR: BROWN

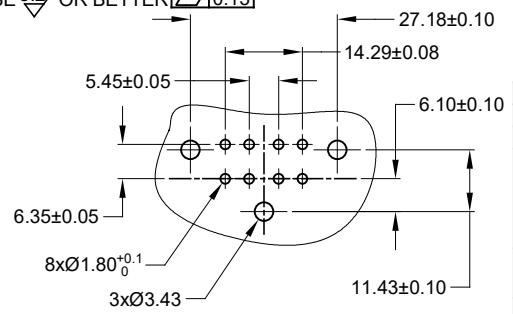



| AT13-08PC-BMXX VARIANTS | | |
|---|---|---|
| CONTACT PLATING | POTTING OR NOT IN RESERVOIR | PART NUMBER |
| GOLD | NO POTTING | AT13-08PC-BM01 |
| GOLD | POTTING | AT13-08PC-BM02 |
| TIN | NO POTTING | AT13-08PC-BM03 |
| TIN | POTTING | AT13-08PC-BM04 |

| AT13-08PD-BMXX VARIANTS | | |
|---|---|---|
| CONTACT PLATING | POTTING OR NOT IN RESERVOIR | PART NUMBER |
| GOLD | NO POTTING | AT13-08PD-BM01 |
| GOLD | POTTING | AT13-08PD-BM02 |
| TIN | NO POTTING | AT13-08PD-BM03 |
| TIN | POTTING | AT13-08PD-BM04 |




RECOMMENDED PANEL CUTOUT




RECOMMENDED PCB LAYOUT

| AT13-08PX-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
2 PL DEC ±0.15
3 PL DEC ±0.08
Fractions ±1/64
Angles ±1°
3) Note reference = A

MATERIAL SPECIFICATIONS:

PROCESS SPECIFICATIONS:

NEXT ASSY:

| SIGNATURES | | DATE |
|---|---|---|
| DRAWN: | JONY.XIE | 19JUN18 |
| CHECKED: | ORION.LI | 19JUN18 |
| ENGINEER: | | |
| APPROVAL: | TOMMY.XIE | 19JUN18 |
| CUSTOMER: | | |

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Clinton Township, MI 48036

BOARDLOCK PCB MOUNT RECEPTACLE,
8 PIN, RA FLANGE, AT SERIES

| SIZE | TYPE | DWG NO: | REVISION |
|---|---|---|---|
| B | C- | AT13-08PX-BMXX | A2 |

SCALE: NONE SHEET 3 OF 3

TITLE: PCB MOUNT RECEPTACLE,8PIN,RA FLANGE,AT SERIES
DWG NO: AT13-08PX-BMXX
REV: A2
SH: 3
OF: 3