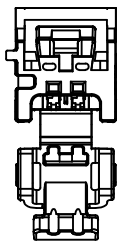
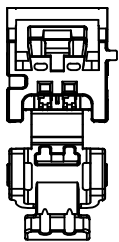


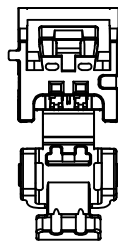
2 CIRCUIT RECEPTACLE WITH LOCK BRIDGE
POLARIZATION OPTION A



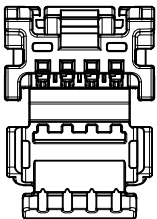
2 CIRCUIT RECEPTACLE WITH LOCK BRIDGE
POLARIZATION OPTION B



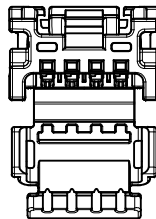
2 CIRCUIT RECEPTACLE WITH LOCK BRIDGE
POLARIZATION OPTION C



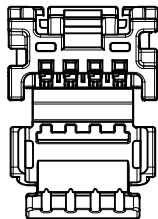
2 CIRCUIT RECEPTACLE WITH LOCK BRIDGE
POLARIZATION OPTION D



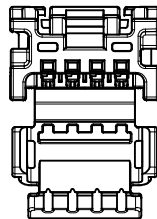
4 CIRCUIT RECEPTACLE WITHOUT LOCK BRIDGE
POLARIZATION OPTION A



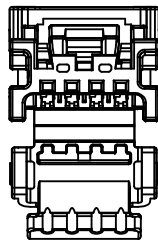
4 CIRCUIT RECEPTACLE WITHOUT LOCK BRIDGE
POLARIZATION OPTION B



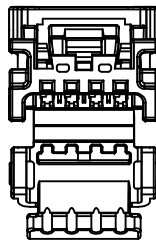
4 CIRCUIT RECEPTACLE WITHOUT LOCK BRIDGE
POLARIZATION OPTION C



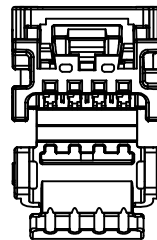
4 CIRCUIT RECEPTACLE WITHOUT LOCK BRIDGE
POLARIZATION OPTION D



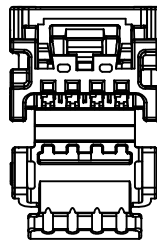
4 CIRCUIT RECEPTACLE BRIDGED
POLARIZATION OPTION A



4 CIRCUIT RECEPTACLE BRIDGED
POLARIZATION OPTION B




4 CIRCUIT RECEPTACLE BRIDGED
POLARIZATION OPTION C




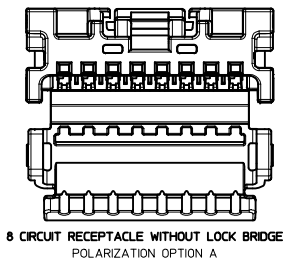
4 CIRCUIT RECEPTACLE BRIDGED
POLARIZATION OPTION D

NOTES: VALID UNLESS OTHERWISE SPECIFIED

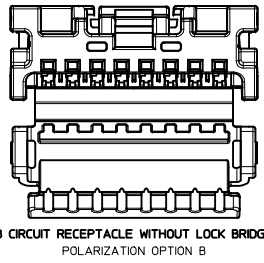
1. GENERAL:
 - a. APPLICATION SPECIFICATION SEE: AS-34791-020
 - b. PRODUCT SPECIFICATION SEE: PS-34971-020
 - c. PACKAGING SPECIFICATION PER MOLEX DRAWING: PK-31301-538
 - d. PARTS MUST BE IN COMPLIANCE TO MOLEX CHEMICAL SUBSTANCES FOR PRODUCTS AND PACKAGING SPECIFICATION: PS-40000-5015
 - e. DATA MUST BE SUBMITTED UNDER THE MOLEX PART NUMBER TO IMDS (COMPANY ID=13255)
 - f. FLAMMABILITY REQUIREMENT: PER ISO3795 OR GM3191
 1. BURN RATE 100 mm/MIN MAXIMUM
 2. MATERIAL MUST BE SELF EXTINGUISHING
 - g. VISUAL DEFECTS SHALL MEET COSMETIC STANDARD PS-45499-002 (Class B)
 - h. FOR TERMINAL USAGE, REFER TO MOLEX SALES DRAWING SD-560023-002.
2. DESIGN - MATERIALS:
 - a. MATERIAL: UNFILLED PBT
3. DESIGN - GEOMETRY:
 - a. THIS IS A 100% CAD GENERATED PART. THE CAD MATHEMATICAL DATA IS THE MASTER FOR THIS PART. FOR DIMENSIONAL OR ANY INFORMATION NOT SHOWN ON THIS DRAWING, ANALYZE THE CAD MODEL.
 - b. GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994
 - c. GENERAL TOLERANCES:
 - LINEAR: PER DIN 16901 CODE B FOR PRECISION ENGINEERING
 - ANGULAR: $\pm 3^\circ$
 - d. EDGES AND UNDIMENSIONED DETAILS PER ISO13715
 - e. CORNERS SHOWN AS SHARP TO BE R 0.2 MAX
 - f. LETTERING SHALL BE 0.1 MAX RAISED IN 0.15 MAX RECESS PAD AND NOT PROTRUDE THE SURFACE. THIS INCLUDES RECYCLING CODE, PLANT AND CAVITY ID, VENDOR ID, CIRCUIT ID, AND PART SERIES NUMBER.
4. DESIGN - FUNCTIONALITY
 - a. HINGE DOES NOT AFFECT FUNCTION OF THE PART.

LAST BALLOON ON DRAWING:

 DELETED BALLOONS:

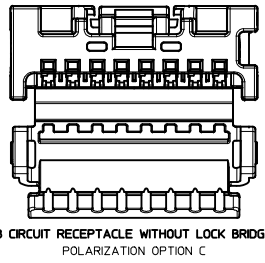
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|---|--|---|---|------------------------------|---------------------|---|
| ADDED ZCKT EEC NO: UAU2017-0678 DRAWN BY: DRINKHEWITT CHKD: APPR:RBALMAN 2017/01/10 2017/02/08 | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION |
| | ∇=0 ∇=0 ∇=0 | mm INCH 4 PLACES ±--- ±--- 3 PLACES ±--- ±--- 2 PLACES ±--- ±--- 1 PLACE ±--- ±--- ANGULAR ±----° | MM ONLY | 6:1 | METRIC |  |
| | DRAWN BY: JDUNAJ CHECKED BY: BDICK APPROVED BY: SMARCEAU DATE: 2010/06/24 DATE: 2010/06/24 DATE: 2011/11/21 | MATERIAL NO: SEE TABLE | TITLE: MINISO SINGLE ROW RECEPTACLE SALES DRAWING molex | DOCUMENT NO: SD-34791-001 | SHEET NO: 1 OF 5 | |
| | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | | |



8 CIRCUIT RECEPTACLE WITHOUT LOCK BRIDGE
POLARIZATION OPTION A



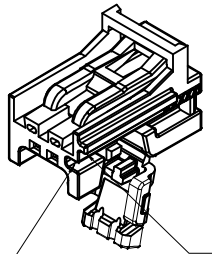
8 CIRCUIT RECEPTACLE WITHOUT LOCK BRIDGE
POLARIZATION OPTION B



8 CIRCUIT RECEPTACLE WITHOUT LOCK BRIDGE
POLARIZATION OPTION C

HINGE OPEN

2 CIRCUIT RECEPTACLE SHOWN
(AS SHIPPED)

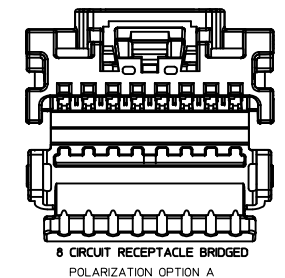
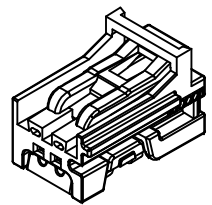


POLARIZATION
FEATURE
LOCATION

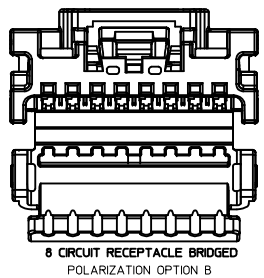
POLARIZATION
FEATURE
LOCATION

HINGE CLOSED

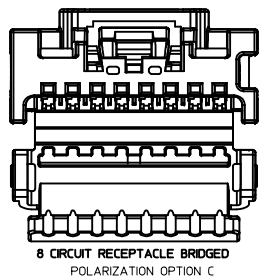
2 CIRCUIT RECEPTACLE SHOWN
(AS ASSEMBLED)



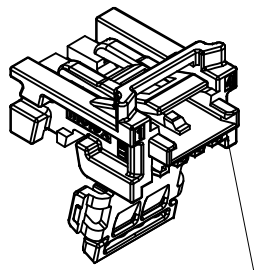
8 CIRCUIT RECEPTACLE BRIDGED
POLARIZATION OPTION A



8 CIRCUIT RECEPTACLE BRIDGED
POLARIZATION OPTION B



8 CIRCUIT RECEPTACLE BRIDGED
POLARIZATION OPTION C

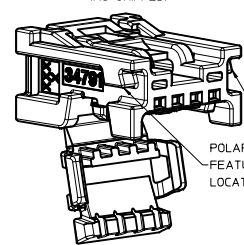


MIN50 WITH BRIDGE OPTION
COMES WITH CPA TRAY

*REFER TO SD-34824-003 FOR
CPA-RECEPTACLE ASSEMBLIES

HINGE OPEN

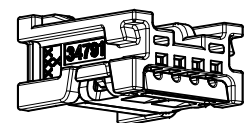
4 CIRCUIT RECEPTACLE SHOWN
(AS SHIPPED)



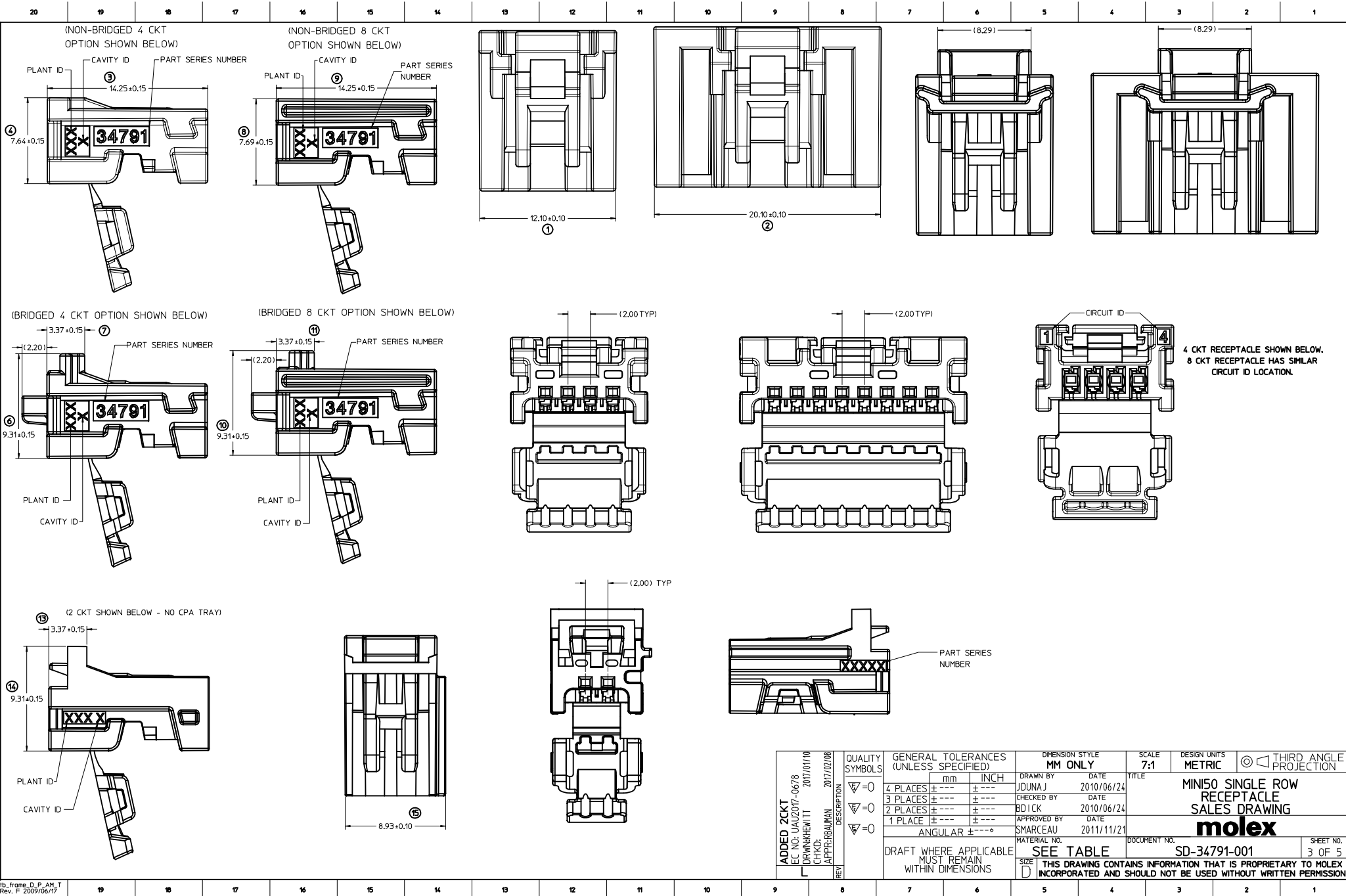
POLARIZATION
FEATURE
LOCATIONS

HINGE CLOSED

4 CIRCUIT RECEPTACLE SHOWN
(AS ASSEMBLED)

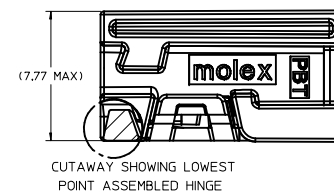
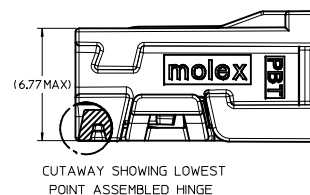
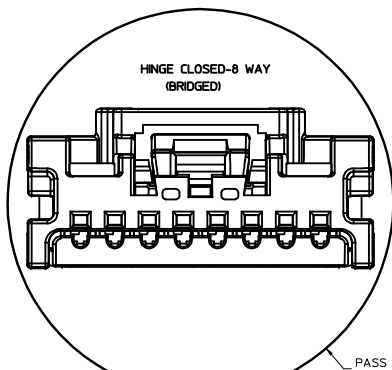
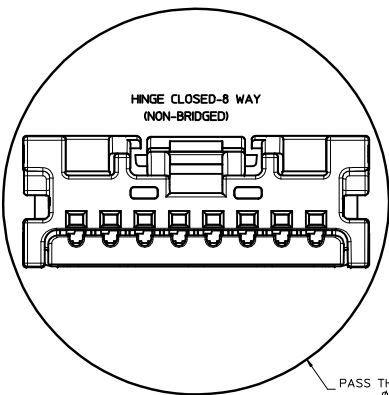
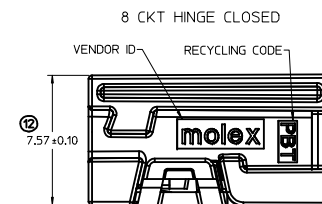
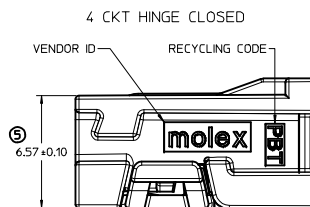
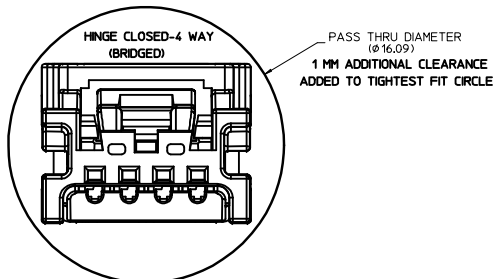
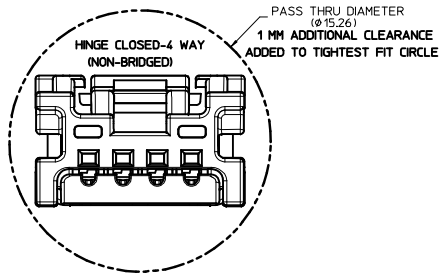
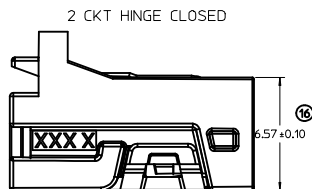
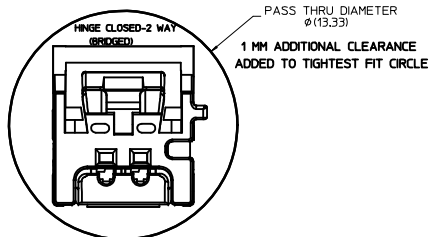


| | | | | | | |
|--|--|---|-----------------|--------------|--------------|---|
| ADDED ZCKT EC NO: UAU2017-0678 DRAWN BY: DRANKHEWITT CHKD: APPR:RBALMAN 2017/01/10 2017/02/08 | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION |
| | ▽=0 ▽=0 ▽=0 | mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± --- 0 PLACE ± --- ± --- | MM ONLY | 5:1 | METRIC | MIN50 SINGLE ROW RECEPTACLE SALES DRAWING molex |
| | ANGLAR ± --- DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | DRAWN BY: JDUNAJ CHECKED BY: BD LCK APPROVED BY: SMARCEAU DATE: 2010/06/24 DATE: 2010/06/24 DATE: 2011/11/21 | SEE TABLE | DOCUMENT NO. | SD-34791-001 | |
| | | | | | | SHEET NO. 2 OF 5 |



4 CKT RECEPTACLE SHOWN BELOW.
8 CKT RECEPTACLE HAS SIMILAR
CIRCUIT ID LOCATION.

| ADDED ZCKT EC NO: UAU2017-0678 DRAWN BY: DRANKHEWITT CHKD: APPR:RBALMAN 2017/01/10 2017/02/08 | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION | | | | | | | | | | | | | | | |
|--|--|---|-----------------|--------------|--------------|------------------------|------------|--|----------|------------|------|-------------|------|------|----------|------------|------|---------|-----|--------|--|
| | $\nabla=0$ $\nabla=0$ $\nabla=0$ | <table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>±---</td> <td>±---</td> </tr> <tr> <td>3 PLACES</td> <td>±---</td> <td>±---</td> </tr> <tr> <td>2 PLACES</td> <td>±---</td> <td>±---</td> </tr> <tr> <td>1 PLACE</td> <td>±---</td> <td>±---</td> </tr> </tbody> </table> | | mm | INCH | 4 PLACES | ±--- | ±--- | 3 PLACES | ±--- | ±--- | 2 PLACES | ±--- | ±--- | 1 PLACE | ±--- | ±--- | MM ONLY | 7:1 | METRIC | |
| | | mm | INCH | | | | | | | | | | | | | | | | | | |
| | 4 PLACES | ±--- | ±--- | | | | | | | | | | | | | | | | | | |
| 3 PLACES | ±--- | ±--- | | | | | | | | | | | | | | | | | | | |
| 2 PLACES | ±--- | ±--- | | | | | | | | | | | | | | | | | | | |
| 1 PLACE | ±--- | ±--- | | | | | | | | | | | | | | | | | | | |
| DESCRIPTION | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | <table border="1"> <thead> <tr> <th>DRAWN BY</th> <th>DATE</th> <th>TITLE</th> </tr> </thead> <tbody> <tr> <td>JDUNAJ</td> <td>2010/06/24</td> <td>MINISO SINGLE ROW RECEPTACLE SALES DRAWING</td> </tr> <tr> <td>BDICK</td> <td>2010/06/24</td> <td></td> </tr> <tr> <td>APPROVED BY</td> <td>DATE</td> <td></td> </tr> <tr> <td>SMARCEAU</td> <td>2011/11/21</td> <td></td> </tr> </tbody> </table> | DRAWN BY | DATE | TITLE | JDUNAJ | 2010/06/24 | MINISO SINGLE ROW RECEPTACLE SALES DRAWING | BDICK | 2010/06/24 | | APPROVED BY | DATE | | SMARCEAU | 2011/11/21 | | | | | |
| DRAWN BY | DATE | TITLE | | | | | | | | | | | | | | | | | | | |
| JDUNAJ | 2010/06/24 | MINISO SINGLE ROW RECEPTACLE SALES DRAWING | | | | | | | | | | | | | | | | | | | |
| BDICK | 2010/06/24 | | | | | | | | | | | | | | | | | | | | |
| APPROVED BY | DATE | | | | | | | | | | | | | | | | | | | | |
| SMARCEAU | 2011/11/21 | | | | | | | | | | | | | | | | | | | | |
| REV | SIZE D | MATERIAL NO. | SEE TABLE | DOCUMENT NO. | SD-34791-001 | SHEET NO. 3 OF 5 | | | | | | | | | | | | | | | |



| | | | | | | |
|--|--|---|-----------------|------------------------------|---------------------|--|
| ADDED 2CKT EC NO: UAU2017-0678 DRAWN BY: DRANKHEWITT CHYK: 2017/01/10 APPR: RBALMAN DESCRIPTION: 2017/02/08 | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION |
| | $\nabla=0$ $\nabla=0$ $\nabla=0$ | mm INCH 4 PLACES +--- +--- 3 PLACES +--- +--- 2 PLACES +--- +--- 1 PLACE +--- +--- 0 PLACE +--- +--- | MM ONLY | 7:1 | METRIC | |
| | DRAWN BY: JDUNAJ CHECKED BY: BDLCK APPROVED BY: SMARCEAU | DATE: 2010/06/24 DATE: 2010/06/24 DATE: 2011/11/21 | TITLE | | | MINISO SINGLE ROW RECEPTACLE SALES DRAWING molex |
| | MATERIAL NO: SIZE: D | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | SEE TABLE | DOCUMENT NO: SD-34791-001 | SHEET NO: 4 OF 5 | |

MINISO RECEPTACLES

| MATERIAL NUMBER BULK PACKAGING PK-31301-538 | LOCK BRIDGE OPTION | CONFIGURATION | CIRCUIT | POL | COLOR | MATING COMPONENT | | | | | | | |
|---|-----------------------|------------------|---------|-----|-----------|---|--------------------------------|--|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| | | | | | | SURFACE MOUNT TECHNOLOGY (SMT) HEADER-TIN | | SURFACE MOUNT TECHNOLOGY (SMT) HEADER-GOLD | | VERTICAL THRU HOLE HEADER | | RIGHT ANGLE THRU HOLE HEADERS | |
| | | | | | | TAPE AND REEL PACKAGING PK-31301-786 | TUBE PACKAGING PK-31301-688 | TAPE AND REEL PACKAGING PK-31301-786 | TUBE PACKAGING PK-31301-688 | TRAY PACKAGING PK-31301-440 | TUBE PACKAGING PK-31301-688 | TRAY PACKAGING PK-31301-440 | TUBE PACKAGING PK-31301-688 |
| 34791-0040 | NO | USCAR COMPATIBLE | 4 | A | BLACK | 34912-8040 | 34912-9040 | 34912-6040 | 34912-5040 | 34792-0040 | 34792-9040 | 34793-0040 | 34793-9040 |
| 34791-0041 | NO | USCAR COMPATIBLE | 4 | B | GRAY | 34912-8041 | 34912-9041 | 34912-6041 | 34912-5041 | 34792-0041 | 34792-9041 | 34793-0041 | 34793-9041 |
| 34791-0042 | NO | USCAR COMPATIBLE | 4 | C | DARK GRAY | 34912-8042 | 34912-9042 | 34912-6042 | 34912-5042 | 34792-0042 | 34792-9042 | 34793-0042 | 34793-9042 |
| 34791-0043 | NO | USCAR COMPATIBLE | 4 | D | GREEN | 34912-8043 | 34912-9043 | 34912-6043 | 34912-5043 | 34792-0043 | 34792-9043 | 34793-0043 | 34793-9043 |
| 34791-0080 | NO | USCAR COMPATIBLE | 8 | A | BLACK | 34912-8080 | 34912-9080 | 34912-6080 | 34912-5080 | 34792-0080 | 34792-9080 | 34793-0080 | 34793-9080 |
| 34791-0081 | NO | USCAR COMPATIBLE | 8 | B | GRAY | 34912-8081 | 34912-9081 | 34912-6081 | 34912-5081 | 34792-0081 | 34792-9081 | 34793-0081 | 34793-9081 |
| 34791-0082 | NO | USCAR COMPATIBLE | 8 | C | DARK GRAY | 34912-8082 | 34912-9082 | 34912-6082 | 34912-5082 | 34792-0082 | 34792-9082 | 34793-0082 | 34793-9082 |
| 34791-0140 | YES | USCAR COMPATIBLE | 4 | A | BLACK | 34912-8040 | 34912-9040 | 34912-6040 | 34912-5040 | 34792-0040 | 34792-9040 | 34793-0040 | 34793-9040 |
| 34791-0141 | YES | USCAR COMPATIBLE | 4 | B | GRAY | 34912-8041 | 34912-9041 | 34912-6041 | 34912-5041 | 34792-0041 | 34792-9041 | 34793-0041 | 34793-9041 |
| 34791-0142 | YES | USCAR COMPATIBLE | 4 | C | DARK GRAY | 34912-8042 | 34912-9042 | 34912-6042 | 34912-5042 | 34792-0042 | 34792-9042 | 34793-0042 | 34793-9042 |
| 34791-0143 | YES | USCAR COMPATIBLE | 4 | D | GREEN | 34912-8043 | 34912-9043 | 34912-6043 | 34912-5043 | 34792-0043 | 34792-9043 | 34793-0043 | 34793-9043 |
| 34791-0180 | YES | USCAR COMPATIBLE | 8 | A | BLACK | 34912-8080 | 34912-9080 | 34912-6080 | 34912-5080 | 34792-0080 | 34792-9080 | 34793-0080 | 34793-9080 |
| 34791-0181 | YES | USCAR COMPATIBLE | 8 | B | GRAY | 34912-8081 | 34912-9081 | 34912-6081 | 34912-5081 | 34792-0081 | 34792-9081 | 34793-0081 | 34793-9081 |
| 34791-0182 | YES | USCAR COMPATIBLE | 8 | C | DARK GRAY | 34912-8082 | 34912-9082 | 34912-6082 | 34912-5082 | 34792-0082 | 34792-9082 | 34793-0082 | 34793-9082 |
| 34791-0020 | YES | MOLEX | 2 | A | BLACK | 34912-8020 | 34912-9020 | 34912-6020 | 34912-5020 | N/A | N/A | N/A | N/A |
| 34791-0021 | YES | MOLEX | 2 | B | GRAY | 34912-8021 | 34912-9021 | 34912-6021 | 34912-5021 | N/A | N/A | N/A | N/A |
| 34791-0022 | YES | MOLEX | 2 | C | DARK GRAY | 34912-8022 | 34912-9022 | 34912-6022 | 34912-5022 | N/A | N/A | N/A | N/A |
| 34791-0023 | YES | MOLEX | 2 | D | GREEN | 34912-8023 | 34912-9023 | 34912-6023 | 34912-5023 | N/A | N/A | N/A | N/A |

CTX50 UNSEALED RECEPTACLE TERMINALS

| PART NUMBER | | MATERIAL | WIRE GAGE (mm ²) | GRIP |
|-------------------------|--------------------------|--------------|---------------------------------|--------|
| D-WIND (LEFT PAYOFF) | B-WIND (RIGHT PAYOFF) | | | |
| 560023-0448 | 560023-0450 | COPPER ALLOY | 0.35 | LARGE |
| 560023-0421 | 560023-0423 | COPPER ALLOY | 0.22 | MEDIUM |
| 560023-0422 | 560023-0424 | COPPER ALLOY | 0.13 | SMALL |

| | | | | | | |
|--|--|---------------------------------------|----------------------|-------|--------------|---|
| ADDED 2CKT EEC NO. UAU2017-0678 DRAWN BY DRANKHEWITT CHKD: APPR:BRALMAN 2017/01/10 2017/02/08 | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION |
| | ▽=0 | mm INCH | MM ONLY | 5:1 | METRIC | MINISO SINGLE ROW RECEPTACLE SALES DRAWING |
| | ▽=0 | 4 PLACES ± --- ± --- | DRAWN BY DATE | | | molex MATERIAL NO. DOCUMENT NO. SEE TABLE SD-34791-001 |
| | ▽=0 | 3 PLACES ± --- ± --- | JDUNAJ 2010/06/24 | | | |
| | 2 PLACES ± --- ± --- | CHECKED BY DATE | | | SHEET NO. | |
| | 1 PLACE ± --- ± --- | BDICK 2010/06/24 | | | 5 OF 5 | |
| | 0 PLACE ± --- ± --- | APPROVED BY DATE | | | | |
| | ANGULAR ± --- | SMARCEAU 2011/11/21 | | | | |
| | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | | |