

## MATERIALS AND FINISHES:

BODY ZINC ALLOY  
SEE TABLE

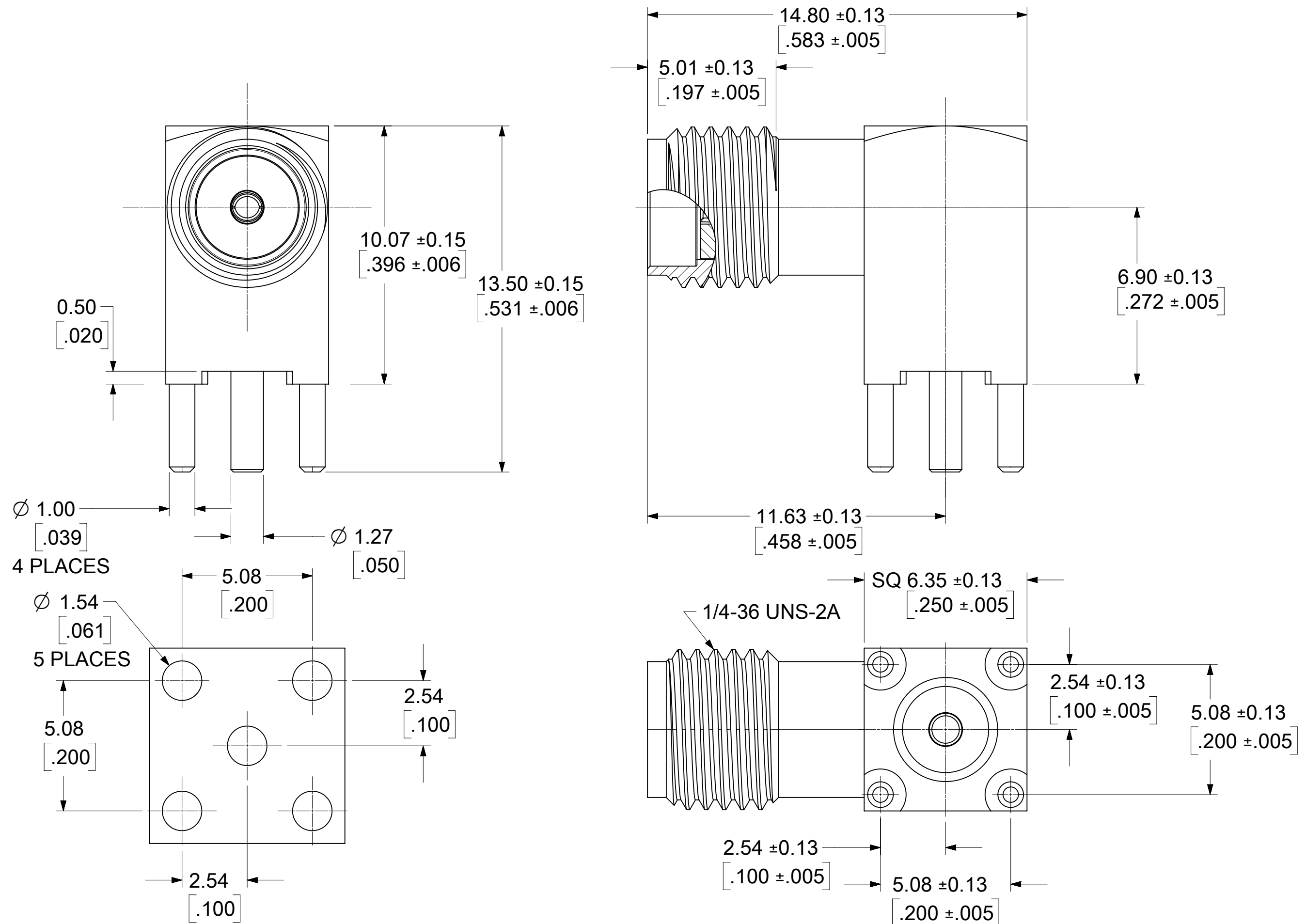
INSULATOR TEFLON

CONTACT (MATING END) BERYLLIUM COPPER  
PLATED GOLD

CONTACT (PCB END) BRASS  
PLATED GOLD

COVER BRASS  
SEE TABLE

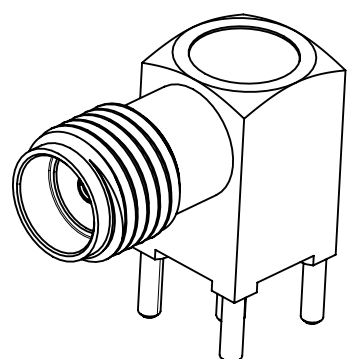
PACKAGING SEE TABLE



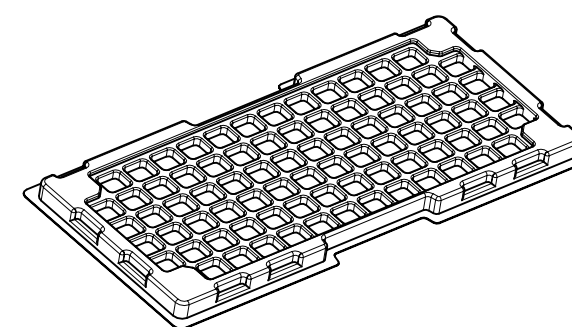
|            |                                          |                           |
|------------|------------------------------------------|---------------------------|
| 73391-0085 | BODY, PIN AND COVER PLATED GOLD 1u" MIN  | 73391-0083 BAG (500 SET.) |
| 73391-0084 | BODY AND COVER PLATED NICKEL             | 73391-0080 BAG (500 SET.) |
| 73391-0083 | BODY, PIN AND COVER PLATED GOLD 1u" MIN  | 73391-0083 TRAY (80 CAV.) |
| 73391-0082 | BODY AND COVER PLATED NICKEL             | 73391-0080 TRAY (20 CAV.) |
| 73391-0081 | BODY, PIN AND COVER PLATED GOLD 10u" MIN | 73391-0081 TRAY (80 CAV.) |
| 73391-0080 | BODY AND COVER PLATED NICKEL             | 73391-0080 TRAY (80 CAV.) |
| PART NO.   | DESCRIPTION                              | PACKAGING                 |

|                          |                       |
|--------------------------|-----------------------|
| PS-89675-346             | PRODUCT SPECIFICATION |
| MIL-STD-348A, FIG. 310.2 | INTERFACE             |
| SPECIFICATION            | DESCRIPTION           |

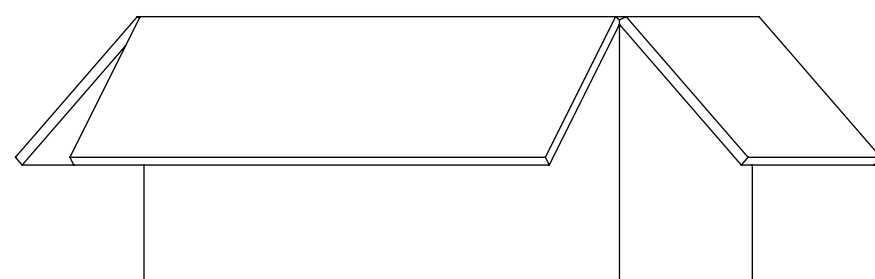
|                                                   |                                                                                                                                               |       |                                                         |            |                 |  |                     |          |                                          |  |
|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-------|---------------------------------------------------------|------------|-----------------|--|---------------------|----------|------------------------------------------|--|
| FUNCTIONAL SYMBOLS                                | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |       |                                                         |            |                 |  |                     |          |                                          |  |
| <div><div>F</div><div>A</div><div>= 0</div></div> | DIMENSION UNITS                                                                                                                               | SCALE | CURRENT REV DESC: CHG PS TO PS-89675-346 PER EWR15816-A |            |                 |  | molex               |          |                                          |  |
|                                                   | MM/INCH                                                                                                                                       | NTS   |                                                         |            |                 |  |                     |          |                                          |  |
|                                                   | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |       |                                                         |            |                 |  | ANGULAR TOL ± 2.0 ° |          | SMA JACK R/A<br>PCB TH 50 OHMS SMA-J/PCB |  |
|                                                   |                                                                                                                                               |       |                                                         |            |                 |  |                     |          |                                          |  |
| DIVISIONAL SYMBOLS                                | 4 PLACES                                                                                                                                      | ±     | EC NO: 748205                                           | 2023/04/25 |                 |  |                     |          |                                          |  |
|                                                   | 3 PLACES                                                                                                                                      | ±     | DRWN: CWEI02                                            | 2023/05/22 |                 |  |                     |          |                                          |  |
|                                                   | 2 PLACES                                                                                                                                      | ±     | CHK'D: YCHENG                                           | 2023/05/22 |                 |  |                     |          |                                          |  |
|                                                   | 1 PLACE                                                                                                                                       | ±     | APPR: YCHENG                                            | 2023/05/22 |                 |  |                     |          |                                          |  |
|                                                   | 0 PLACES                                                                                                                                      | ±     | INITIAL REVISION:                                       |            |                 |  |                     |          |                                          |  |
|                                                   |                                                                                                                                               |       | DRWN: RFC_PLMIMP                                        | 2018/01/09 | DOCUMENT NUMBER |  | DOC TYPE            | DOC PART | REVISION                                 |  |
|                                                   |                                                                                                                                               |       | APPR: MHUANG                                            | 2006/08/29 |                 |  |                     |          |                                          |  |
|                                                   |                                                                                                                                               |       |                                                         |            | SD-73391-008    |  | PSD                 | 001      | A10                                      |  |
|                                                   |                                                                                                                                               |       |                                                         |            |                 |  |                     |          |                                          |  |
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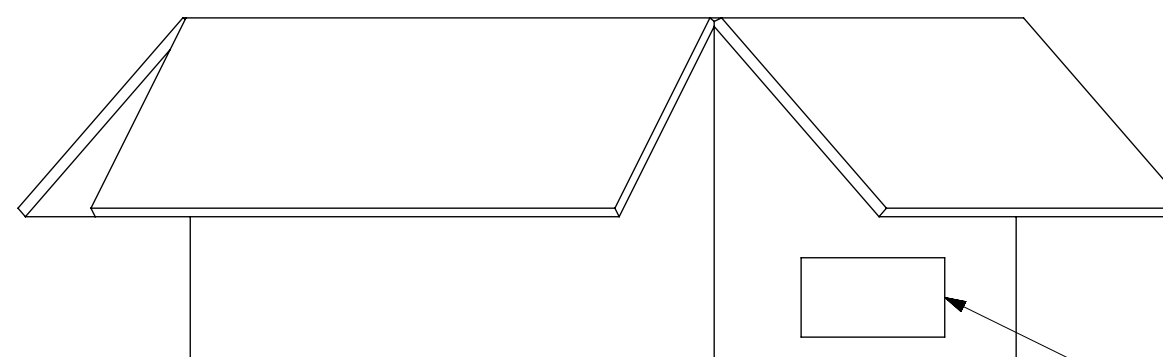
P/N 73391-0080  
73391-0081  
73391-0083



80 SETS PER TRAY  
TRAY P/N 89707-0190  
( L361mm X W167 mm )



1760 SETS PER INNER CARTON BOX  
P/N 96707-0001  
MAXIMUM OUTSIDE DIMENSION  
( L370.94mm X W183.94mm X D191.87mm)



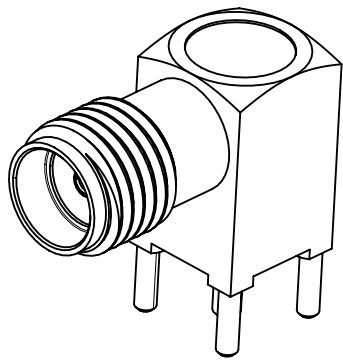
— LABEL  
(SEE DETAIL A)

3520 SETS PER OUTER CARTON BOX  
P/N 96708-0005  
MAXIMUM OUTSIDE DIMENSION  
( L393.94mm X W390.92mm X D211.89mm)

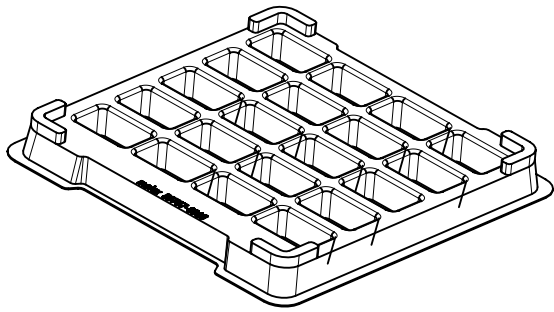
|   |                         |
|---|-------------------------|
| 1 | PART NO                 |
| 2 | DESCRIPTION             |
| 3 | QUANTITY                |
| 4 | COUNTRY OF ORIGIN       |
| 5 | INV CTRL DATE           |
| 6 | LOT NUMBER              |
| 7 | ENVIRONMENT INFORMATION |
| 8 | DATE CODE               |



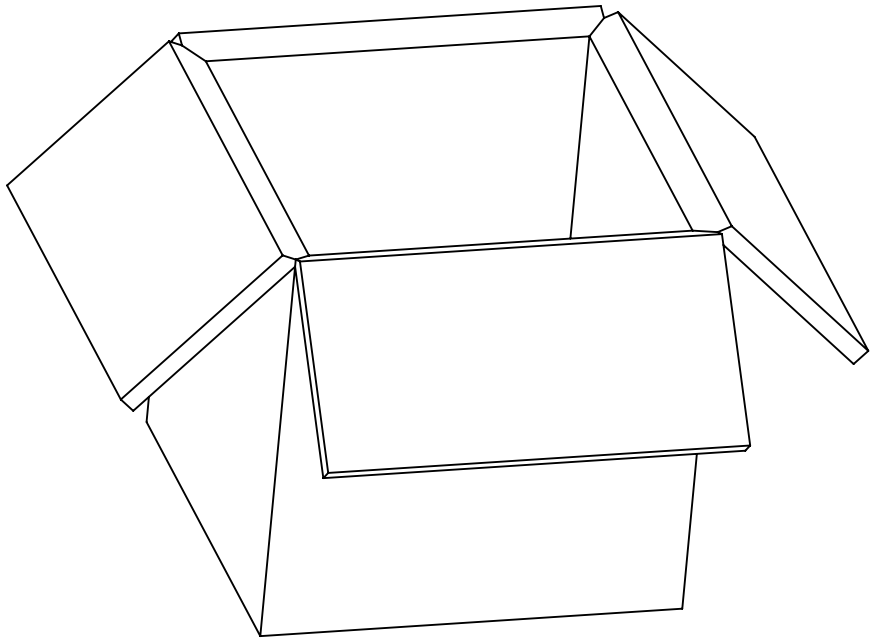
|                                                                                                                              |                                                                                                                                               |       |                                                                                                     |               |                 |                 |                                          |          |              |  |
|------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-------|-----------------------------------------------------------------------------------------------------|---------------|-----------------|-----------------|------------------------------------------|----------|--------------|--|
| FUNCTIONAL SYMBOLS                                                                                                           | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |       |                                                                                                     |               |                 |                 |                                          |          |              |  |
|                                                                                                                              | DIMENSION UNITS                                                                                                                               | SCALE | CURRENT REV DESC: CHG PS TO PS-89675-346 PER EWR15816-A                                             |               |                 |                 | <div>molex</div>                         |          |              |  |
| <div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div><div>= 0</div></div> | MM/INCH                                                                                                                                       | NTS   |                                                                                                     |               |                 |                 |                                          |          |              |  |
| GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                        |                                                                                                                                               |       |                                                                                                     |               |                 |                 |                                          |          |              |  |
| ANGULAR TOL ± 2.0 °                                                                                                          |                                                                                                                                               |       |                                                                                                     |               |                 |                 |                                          |          |              |  |
| 4 PLACES                                                                                                                     |                                                                                                                                               | ±     |                                                                                                     |               |                 |                 |                                          |          |              |  |
| 3 PLACES                                                                                                                     |                                                                                                                                               | ±     |                                                                                                     |               |                 |                 |                                          |          |              |  |
| DIVISIONAL SYMBOLS                                                                                                           | 2 PLACES                                                                                                                                      |       | ±                                                                                                   | EC NO: 748205 | 2023/04/25      |                 | SMA JACK R/A<br>PCB TH 50 OHMS SMA-J/PCB |          |              |  |
|                                                                                                                              | 1 PLACE                                                                                                                                       |       | ±                                                                                                   | CHK'D: YCHENG | 2023/05/22      |                 |                                          |          |              |  |
|                                                                                                                              | 0 PLACES                                                                                                                                      |       | ±                                                                                                   | APPR: YCHENG  | 2023/05/22      |                 | PRODUCT CUSTOMER DRAWING                 |          |              |  |
|                                                                                                                              | INITIAL REVISION:                                                                                                                             |       |                                                                                                     |               | DOCUMENT NUMBER |                 | DOC TYPE                                 | DOC PART | REVISION     |  |
|                                                                                                                              | DRWN: RFC_PLMIMP                                                                                                                              |       | 2018/01/09                                                                                          |               | SD-73391-008    |                 | PSD                                      | 001      | A10          |  |
|                                                                                                                              | APPR: MHUANG                                                                                                                                  |       | 2006/08/29                                                                                          |               |                 |                 |                                          |          |              |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN WITHIN DIMENSIONS                                                                      |                                                                                                                                               |       | THIRD ANGLE PROJECTION                                                                              | DRAWING       | SERIES          | MATERIAL NUMBER | CUSTOMER                                 |          | SHEET NUMBER |  |
| <div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div>                          |                                                                                                                                               |       | <div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div> | C-SIZE        | 73391           | GENERAL MARKET  |                                          | 2 OF 4   |              |  |



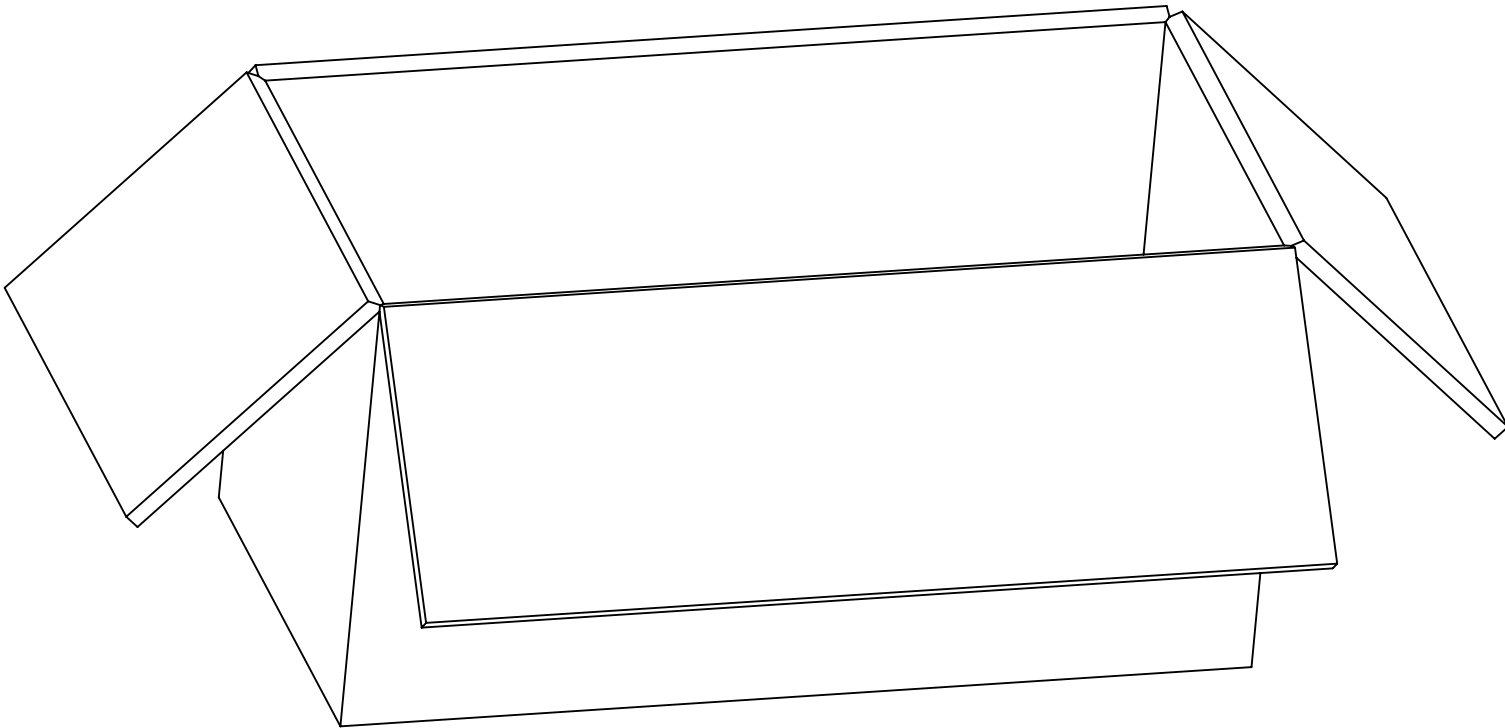
PART NO: 73391-0082



20 SETS PER TRAY  
P/N: 89707-0308



200 SETS PER INNER  
CARTON BOX  
P/N: 96707-0005



400 SETS PER OUTER  
CARTON BOX  
P/N: 96707-0002

|                                                                                                                                                                                                                                                             |                                                                                                                                               |                        |                                                         |         |        |                 |                |              |  |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|------------------------|---------------------------------------------------------|---------|--------|-----------------|----------------|--------------|--|--|
| <div>FUNCTIONAL SYMBOLS</div> <div><div><div><div>F</div><div>A</div></div><div>= 0</div></div><div><div><div>F</div><div>C</div></div><div>= 0</div></div><div><div><div>F</div><div>P</div></div><div>= 0</div></div></div> <div>DIVISIONAL SYMBOLS</div> | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                        |                                                         |         |        |                 |                |              |  |  |
|                                                                                                                                                                                                                                                             | DIMENSION UNITS                                                                                                                               | SCALE                  | CURRENT REV DESC: CHG PS TO PS-89675-346 PER EWR15816-A |         |        |                 |                |              |  |  |
|                                                                                                                                                                                                                                                             | MM/INCH                                                                                                                                       | NTS                    |                                                         |         |        |                 |                |              |  |  |
|                                                                                                                                                                                                                                                             | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |                        |                                                         |         |        |                 |                |              |  |  |
|                                                                                                                                                                                                                                                             | ANGULAR TOL ± 2.0 °                                                                                                                           |                        |                                                         |         |        |                 |                |              |  |  |
|                                                                                                                                                                                                                                                             | 4 PLACES                                                                                                                                      | ±                      | EC NO: 748205                                           |         |        |                 |                |              |  |  |
|                                                                                                                                                                                                                                                             | 3 PLACES                                                                                                                                      | ±                      | DRWN: CWEI02 2023/04/25                                 |         |        |                 |                |              |  |  |
|                                                                                                                                                                                                                                                             | 2 PLACES                                                                                                                                      | ±                      | CHK'D: YCHENG 2023/05/22                                |         |        |                 |                |              |  |  |
|                                                                                                                                                                                                                                                             | 1 PLACE                                                                                                                                       | ±                      | APPR: YCHENG 2023/05/22                                 |         |        |                 |                |              |  |  |
|                                                                                                                                                                                                                                                             | 0 PLACES                                                                                                                                      | ±                      | INITIAL REVISION:                                       |         |        |                 |                |              |  |  |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS                                                                                                                                                                                                        |                                                                                                                                               | THIRD ANGLE PROJECTION |                                                         | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER       | SHEET NUMBER |  |  |
|                                                                                                                                                                                                                                                             |                                                                                                                                               |                        |                                                         | C-SIZE  | 73391  |                 | GENERAL MARKET | 3 OF 4       |  |  |

|                 |  |  |          |          |          |
|-----------------|--|--|----------|----------|----------|
| DOCUMENT NUMBER |  |  | DOC TYPE | DOC PART | REVISION |
| SD-73391-008    |  |  | PSD      | 001      | A10      |

|                          |  |  |
|--------------------------|--|--|
| SMA JACK R/A             |  |  |
| PCB TH 50 OHMS SMA-J/PCB |  |  |

|                          |  |  |
|--------------------------|--|--|
| PRODUCT CUSTOMER DRAWING |  |  |
|--------------------------|--|--|

molex

SMA JACK R/A  
PCB TH 50 OHMS SMA-J/PCB

PRODUCT CUSTOMER DRAWING

SD-73391-008

DOC TYPE

DOC PART

REVISION

PSD

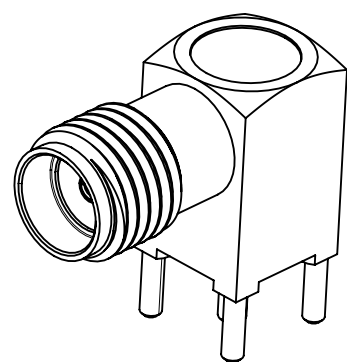
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A10

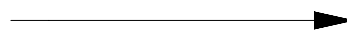
GENERAL MARKET

3 OF 4

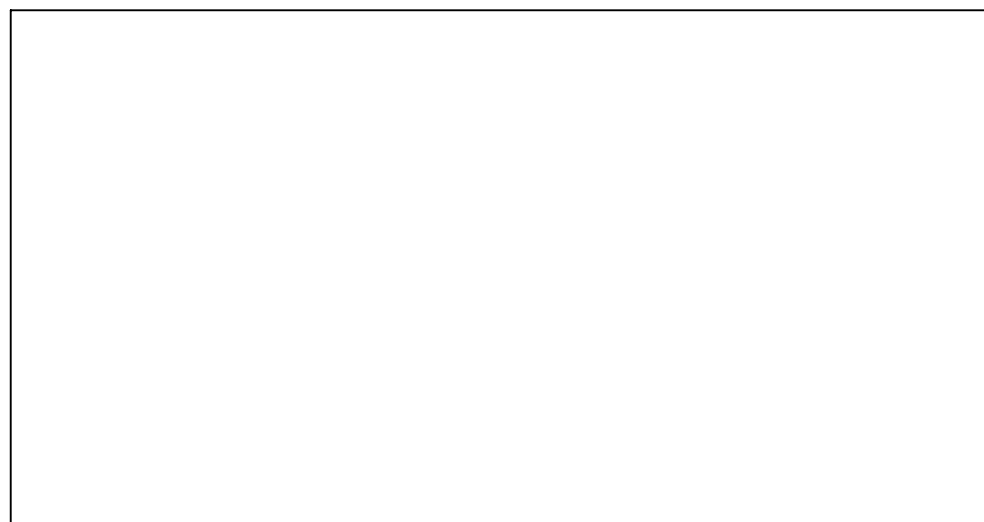




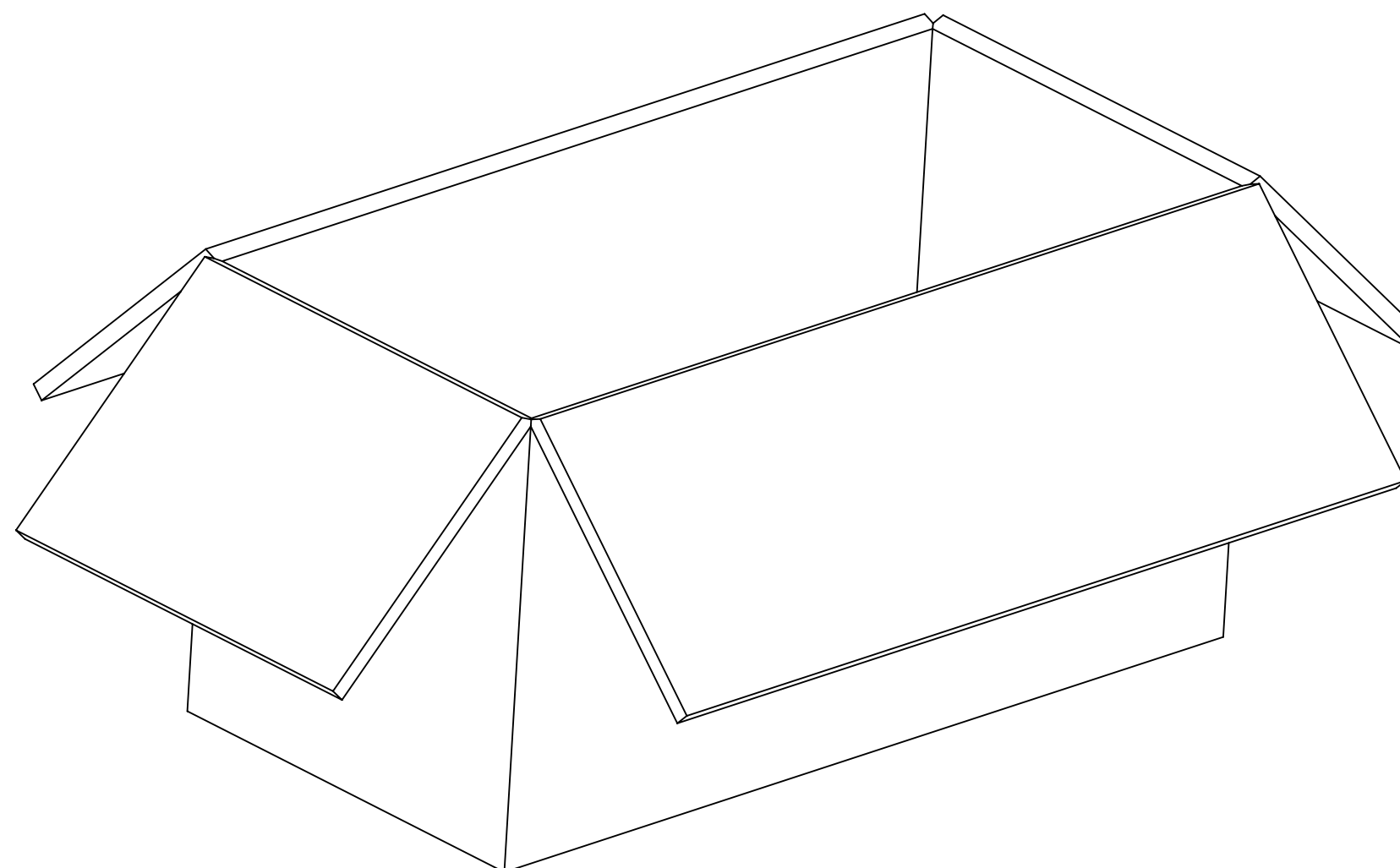
PART NO: 73391-0084 & 73391-0085



1 SET PER POLYBAG  
P/N: 89707-0317



50 SET PER POLYBAG  
P/N: 89707-0176



500 SET PER OUTER CARTON BOX  
P/N: 96707-0002

LABEL WITH EACH BAG  
 FOR 73391-0084

MOLEX P/N: 73391-0084  
DATE: YYWW

LABEL WITH EACH BAG  
FOR 73391-0085

MOLEX P/N: 73391-0085  
DATE: YYWW

|                              |  |                                                                                                                                               |  |                        |  |                                                         |  |        |  |                                          |  |                |  |          |  |              |  |
|------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------|--|---------------------------------------------------------|--|--------|--|------------------------------------------|--|----------------|--|----------|--|--------------|--|
| FUNCTIONAL SYMBOLS           |  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |                        |  |                                                         |  |        |  |                                          |  |                |  |          |  |              |  |
| <div>F<sub>A</sub> = 0</div> |  | DIMENSION UNITS<br>MM/INCH                                                                                                                    |  | SCALE<br>NTS           |  | CURRENT REV DESC: CHG PS TO PS-89675-346 PER EWR15816-A |  |        |  | <div>molex</div>                         |  |                |  |          |  |              |  |
| <div>F<sub>E</sub> = 0</div> |  | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |  |                        |  |                                                         |  |        |  |                                          |  |                |  |          |  |              |  |
| <div>F<sub>P</sub> = 0</div> |  | ANGULAR TOL ± 2.0 °                                                                                                                           |  |                        |  | EC NO: 748205                                           |  |        |  | SMA JACK R/A<br>PCB TH 50 OHMS SMA-J/PCB |  |                |  |          |  |              |  |
| DIVISIONAL SYMBOLS           |  | 4 PLACES ±                                                                                                                                    |  | 2023/04/25             |  |                                                         |  |        |  |                                          |  |                |  |          |  |              |  |
|                              |  | 3 PLACES ±                                                                                                                                    |  |                        |  | 2023/05/22                                              |  |        |  |                                          |  |                |  |          |  |              |  |
|                              |  | 2 PLACES ±                                                                                                                                    |  | 2023/05/22             |  |                                                         |  |        |  |                                          |  |                |  |          |  |              |  |
|                              |  | 1 PLACE ±                                                                                                                                     |  |                        |  | INITIAL REVISION:                                       |  |        |  |                                          |  |                |  |          |  |              |  |
|                              |  | 0 PLACES ±                                                                                                                                    |  | 2018/01/09             |  |                                                         |  |        |  |                                          |  |                |  |          |  |              |  |
|                              |  | DRWN: RFC_PLMIMP                                                                                                                              |  |                        |  | 2006/08/29                                              |  |        |  | PRODUCT CUSTOMER DRAWING                 |  |                |  |          |  |              |  |
|                              |  | APPR: MHUANG                                                                                                                                  |  |                        |  |                                                         |  |        |  |                                          |  |                |  |          |  |              |  |
|                              |  | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS                                                                                          |  | THIRD ANGLE PROJECTION |  | DRAWING                                                 |  | SERIES |  | DOCUMENT NUMBER                          |  | DOC TYPE       |  | DOC PART |  | REVISION     |  |
|                              |  |                                                                                                                                               |  | <div></div>            |  | C-SIZE                                                  |  | 73391  |  | SD-73391-008                             |  | PSD            |  | 001      |  | A10          |  |
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