

4805 (3/13)

| REVISIONS |     |             |      |     |      |
|-----------|-----|-------------|------|-----|------|
| P         | LTR | DESCRIPTION | DATE | DWN | APVD |
|           | -   | SEE SHEET 1 | -    | -   | -    |
|           |     |             |      |     |      |
|           |     |             |      |     |      |
|           |     |             |      |     |      |

- 1

0.76μm GOLD IN LOCALIZED PLATE AREA, 3.81μm TIN-LEAD ON SOLDER TAILS ALL OVER 1.27μm NICKEL.
- 2

USE 1.18 ±0.025 DRILLED HOLE (#56 DRILL) FINISH TO BE TIN-LEAD OVER 0.025 MINIMUM COPPER.
- 3

NOTE DELETED.
- 4

REFER TO NO. OF POSN. IN CHART FOR NUMBER OF SURFACES WHICH ARE COPLANAR.
- 5

NOTE DELETED.
- 6

0.76μm GOLD IN LOCALIZED PLATE AREA, 3.81μm TIN ON SOLDER TAILS ALL OVER 1.27μm NICKEL.
- 7

NOTE DELETED.
- 8

NOTE DELETED.
- 9

FINISH: 0.03μm MIN GOLD ON GOLD PLATED AREA, 3.81μm MATTE IN TIN-LEAD ON TIN PLATED AREA UNDER PLATING: 1.27μm NICKEL ON ENTIRE CONTACT.
- 10

FINISH: 0.03μm MIN GOLD ON GOLD PLATED AREA, 3.81μm MATTE IN TIN ON TIN PLATED AREA UNDER PLATING: 1.27μm NICKEL ON ENTIRE CONTACT.
- 11

MATERIAL: HOUSING:LCP  
COLOR-BLACK  
CONTACT:PHOS BRONZE

|               |       |                        |       |       |       |       |                  |                |
|---------------|-------|------------------------|-------|-------|-------|-------|------------------|----------------|
| <div>10</div> | 62.23 | 49                     | 67.31 | 33.66 | 33.66 | 64.62 | 100              | 7-104550-9     |
|               | 49.53 | 39                     | 54.61 | 27.30 | 27.30 | 51.92 | 80               | 7-104550-8     |
|               | 36.83 | 29                     | 41.91 | 20.96 | 20.96 | 39.22 | 60               | 7-104550-7     |
|               | 30.48 | 24                     | 35.56 | 17.78 | 17.78 | 32.87 | 50               | 7-104550-6     |
|               | 24.13 | 19                     | 29.21 | 14.60 | 14.60 | 26.52 | 40               | 7-104550-5     |
|               | 17.78 | 14                     | 22.86 | 11.43 | 11.43 | 20.17 | 30               | 7-104550-4     |
|               | 13.97 | 44                     | 19.05 | 9.53  | 9.53  | 16.36 | 24               | 7-104550-3     |
|               | 11.43 | 9                      | 16.51 | 8.26  | 8.26  | 13.82 | 20               | 7-104550-2     |
|               | 5.08  | 4                      | 10.16 | 5.08  | 5.08  | 7.47  | 10               | 7-104550-1     |
| <div>6</div>  | 62.23 | 49                     | 67.31 | 33.66 | 33.66 | 64.62 | 100              | 5-104550-9     |
|               | 49.53 | 39                     | 54.61 | 27.30 | 27.30 | 51.92 | 80               | 5-104550-8     |
|               | 36.83 | 29                     | 41.91 | 20.96 | 20.96 | 39.22 | 60               | 5-104550-7     |
|               | 30.48 | 24                     | 35.56 | 17.78 | 17.78 | 32.87 | 50               | 5-104550-6     |
|               | 24.13 | 19                     | 29.21 | 14.60 | 14.60 | 26.52 | 40               | 5-104550-5     |
|               | 17.78 | 14                     | 22.86 | 11.43 | 11.43 | 20.17 | 30               | 5-104550-4     |
|               | 13.97 | 44                     | 19.05 | 9.53  | 9.53  | 16.36 | 24               | 5-104550-3     |
|               | 11.43 | 9                      | 16.51 | 8.26  | 8.26  | 13.82 | 20               | 5-104550-2     |
|               | 5.08  | 4                      | 10.16 | 5.08  | 5.08  | 7.47  | 10               | 5-104550-1     |
| FINISH        | DIM_F | <sup>E</sup><br>SPACES | DIM_D | DIM_C | DIM_B | DIM_A | NO<br>OF<br>POSN | PART<br>NUMBER |

|              |       |                        |       |       |       |       |                  |                |
|--------------|-------|------------------------|-------|-------|-------|-------|------------------|----------------|
| <div>9</div> | 62.23 | 49                     | 67.31 | 33.66 | 33.66 | 64.62 | 100              | 2-104550-9     |
|              | 49.53 | 39                     | 54.61 | 27.30 | 27.30 | 51.92 | 80               | 2-104550-8     |
|              | 36.83 | 29                     | 41.91 | 20.96 | 20.96 | 39.22 | 60               | 2-104550-7     |
|              | 30.48 | 24                     | 35.56 | 17.78 | 17.78 | 32.87 | 50               | 2-104550-6     |
|              | 24.13 | 19                     | 29.21 | 14.60 | 14.60 | 26.52 | 40               | 2-104550-5     |
|              | 17.78 | 14                     | 22.86 | 11.43 | 11.43 | 20.17 | 30               | 2-104550-4     |
|              | 13.97 | 44                     | 19.05 | 9.53  | 9.53  | 16.36 | 24               | 2-104550-3     |
|              | 11.43 | 9                      | 16.51 | 8.26  | 8.26  | 13.82 | 20               | 2-104550-2     |
|              | 5.08  | 4                      | 10.16 | 5.08  | 5.08  | 7.47  | 10               | 2-104550-1     |
| <div>1</div> | 62.23 | 49                     | 67.31 | 33.66 | 33.66 | 64.62 | 100              | 104550-9       |
|              | 49.53 | 39                     | 54.61 | 27.30 | 27.30 | 51.92 | 80               | 104550-8       |
|              | 36.83 | 29                     | 41.91 | 20.96 | 20.96 | 39.22 | 60               | 104550-7       |
|              | 30.48 | 24                     | 35.56 | 17.78 | 17.78 | 32.87 | 50               | 104550-6       |
|              | 24.13 | 19                     | 29.21 | 14.60 | 14.60 | 26.52 | 40               | 104550-5       |
|              | 17.78 | 14                     | 22.86 | 11.43 | 11.43 | 20.17 | 30               | 104550-4       |
|              | 13.97 | 44                     | 19.05 | 9.53  | 9.53  | 16.36 | 24               | 104550-3       |
|              | 11.43 | 9                      | 16.51 | 8.26  | 8.26  | 13.82 | 20               | 104550-2       |
|              | 5.08  | 4                      | 10.16 | 5.08  | 5.08  | 7.47  | 10               | 104550-1       |
| FINISH       | DIM_F | <sup>E</sup><br>SPACES | DIM_D | DIM_C | DIM_B | DIM_A | NO<br>OF<br>POSN | PART<br>NUMBER |

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN

G. RAMESH

08NOV2017

CHK

J. OLSON

08NOV2017

APVD

J. OLSON

08NOV2017

DIMENSIONS:

mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±.3

1 PLC ±0.3

2 PLC ±.13

3 PLC ±.

4 PLC ±.

ANGLES ±0.5

FINISH -

-

MATERIAL

-

PRODUCT SPEC

-

APPLICATION SPEC

-

WEIGHT

-

CUSTOMER DRAWING

NAME

RECEPTACLE ASSEMBLY, VERTICAL, DOUBLE ROW SURFACE MOUNT, AMPMODU System 50

SIZE

A 1

CAGE CODE

-

DRAWING NO

104550

RESTRICTED TO

-

SCALE

5:1

SHEET

2

OF

2

REV

V

TE Connectivity

# Mouser Electronics

Authorized Distributor

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[5-104550-6](#)