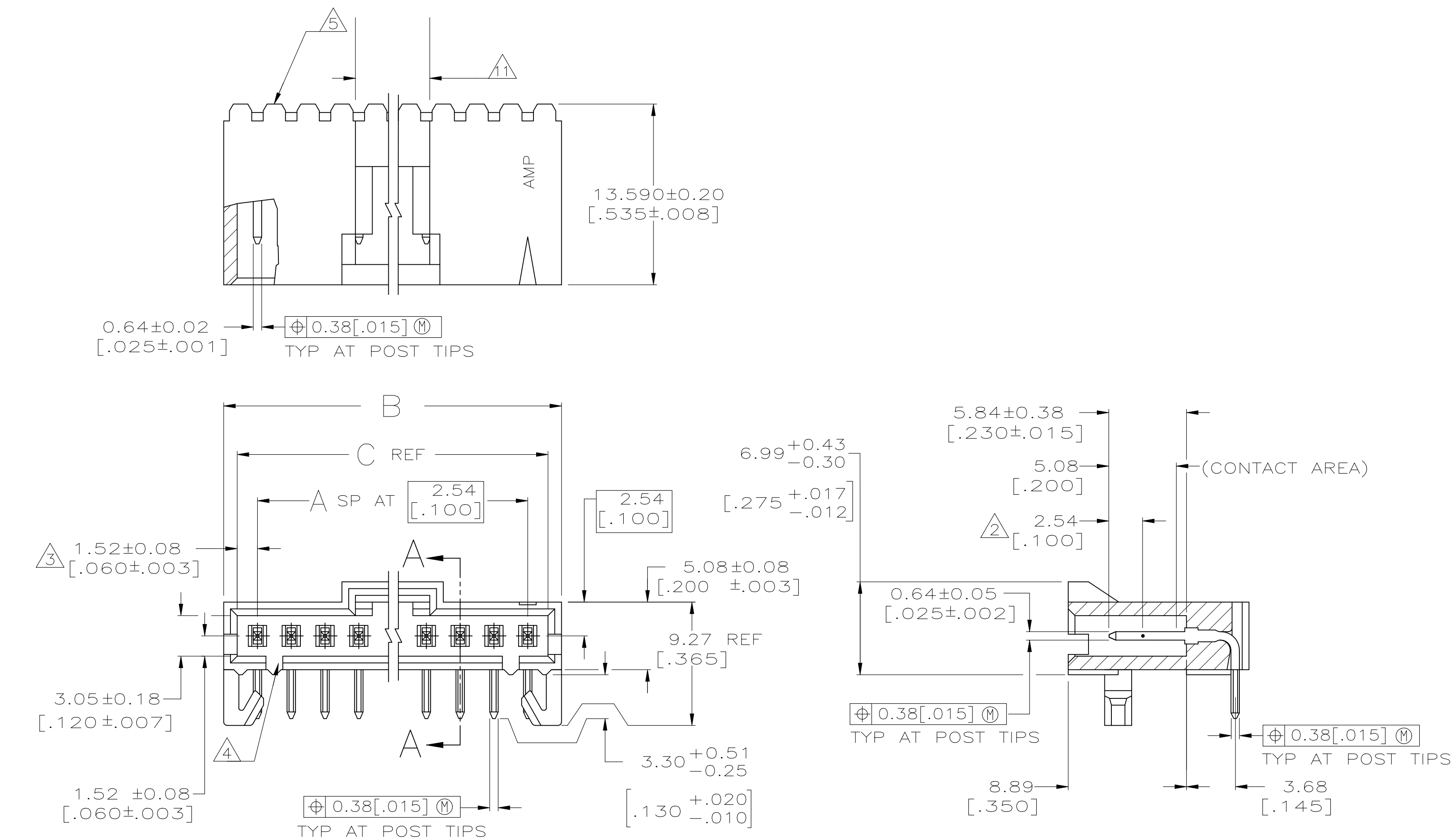
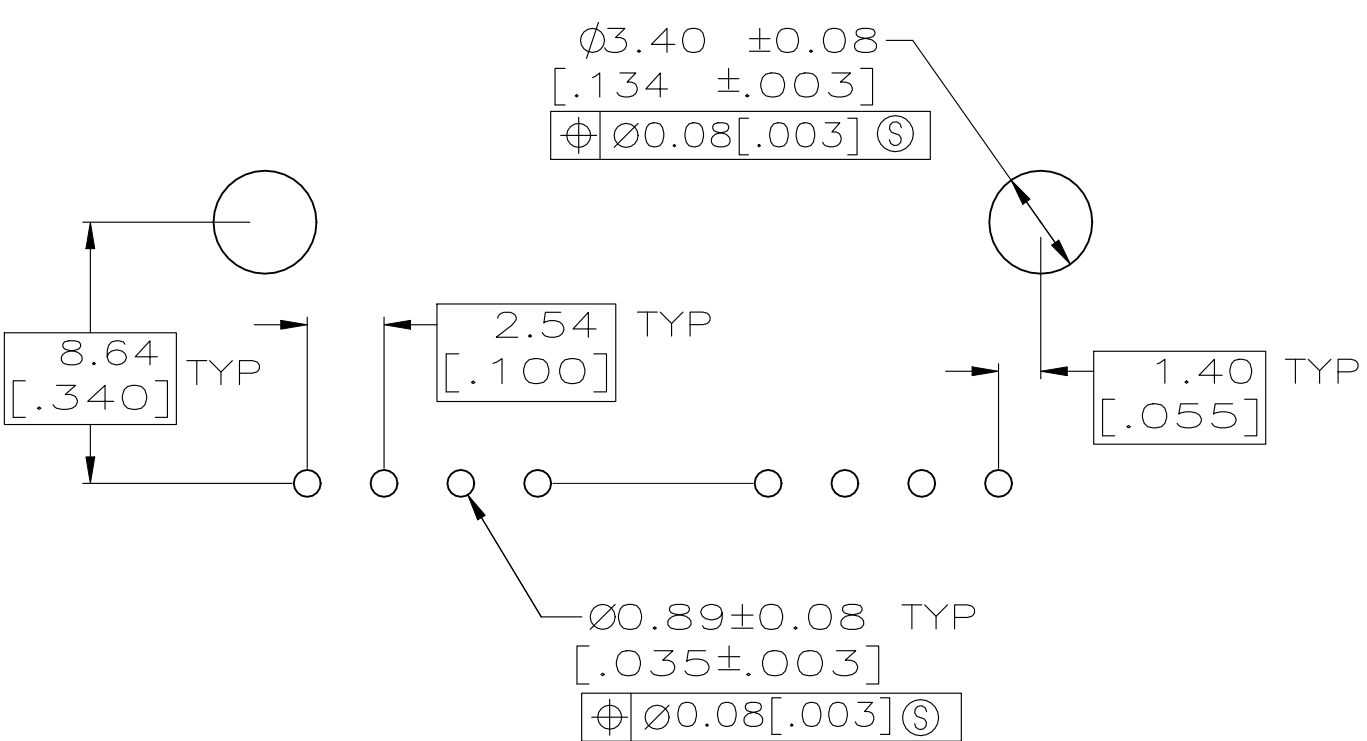


| REVISIONS | | | | | |
|-----------|-----|---------------|-----------|-----|------|
| P | LTR | DESCRIPTION | DATE | DWN | APVD |
| W1 | | ECN-22-177079 | 29SEP2022 | RK | MF |



SECTION A—A



RECOMMENDED HOLE LAYOUT

- 1. .00038[.000015] GOLD IN THE CONTACT AREA, .00254[.000100] MATTE TIN-LEAD ON REMAINDER OF CONTACT, ALL OVER .00127[.000050] NICKEL.
- 2. POINT OF MEASUREMENT FOR PLATING THICKNESS.
- 3. THE NOTED DIMENSIONS APPLY AT THE INTERSECTION OF THE POST AND THE HOUSING.
- 4. ON ASSEMBLIES WITH FOUR OR MORE POSITIONS, TWO POLARIZATION SLOTS. ON ASSEMBLIES WITH TWO OR THREE POSITIONS, ONE POLARIZATION SLOT.
- 5. AMP TRADEMARK MOLDED ON THIS SURFACE.
- 6. FOR USE WITH 1.57±0.20[.062±.008] PRINTED CIRCUIT BOARD.
- 7. .00038[.000015] GOLD IN THE CONTACT AREA, .00254[.000100] MATTE TIN ON REMAINDER OF CONTACT, ALL OVER .00127[.000050] NICKEL.
- 8. PRELIMINARY PART – NOT RELEASED FOR PRODUCTION.
- 9. HIGH TEMPERATURE CONFIGURATION.
- 10. OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI
- 11. 0.25 [.010] RECESS PERMISSIBLE IN THIS AREA FOR MOLD SHUT OFF

SEE SHEET 2 FOR PART NUMBER TABLES

| | | | | | |
|--|--|--|---------|----------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN S. SHUEY | OSMAR91 | TE Connectivity Ltd. | |
| | | CHK J. GESFORD | OSMAR91 | | |
| | | APVD J. GESFORD | OSMAR91 | NAME | |
| DIMENSIONS: mm [INCHES] | | TOLERANCES UNLESS OTHERWISE SPECIFIED: | | PRODUCT SPEC | |
| | | 0. PLC ± - | | 108-25034 | |
| | | 1. PLC ± - | | APPLICATION SPEC | |
| | | 2. PLC ± 0.13[.005] | | 114-25026 | |
| | | 3. PLC ± - | | SIZE | |
| | | 4. PLC ± - | | CAGE CODE | |
| | | ANGLES | | DRAWING NO | |
| | | FINISH | | RESTRICTED TO | |
| MATERIAL | | SEE TABLE | | A100779103673 | |
| HOUSING: FLAME RETARDENT | | | | CUSTOMER DRAWING | |
| LCP COLOR BLACK | | | | SCALE 4:1 | |
| CONTACTS: BRASS | | | | SHEET 1 OF 2 | |
| | | | | REV W1 | |

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2

1

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

| | | | | | | |
|-------------------------------------|-------------------------------------|---|---|--------------------------|--------------------------|----------------------------------|
| <div><div>8</div><div>8</div></div> | <div><div>7</div><div>7</div></div> | <div><div>41.15</div><div>[1.620]</div></div> | <div><div>43.05</div><div>[1.695]</div></div> | <div><div>15</div></div> | <div><div>16</div></div> | <div><div>2-103673-6</div></div> |
| | <div><div>7</div><div>7</div></div> | <div><div>18.29</div><div>[.720]</div></div> | <div><div>20.19</div><div>[.795]</div></div> | <div><div>6</div></div> | <div><div>7</div></div> | <div><div>2-103673-5</div></div> |
| | <div><div>1</div><div>1</div></div> | <div><div>64.01</div><div>[2.520]</div></div> | <div><div>65.91</div><div>[2.595]</div></div> | <div><div>24</div></div> | <div><div>25</div></div> | <div><div>2-103673-4</div></div> |
| | <div><div>1</div><div>1</div></div> | <div><div>61.47</div><div>[2.420]</div></div> | <div><div>63.37</div><div>[2.495]</div></div> | <div><div>23</div></div> | <div><div>24</div></div> | <div><div>2-103673-3</div></div> |
| | <div><div>1</div><div>1</div></div> | <div><div>58.93</div><div>[2.320]</div></div> | <div><div>60.83</div><div>[2.395]</div></div> | <div><div>22</div></div> | <div><div>23</div></div> | <div><div>2-103673-2</div></div> |
| | <div><div>1</div><div>1</div></div> | <div><div>56.39</div><div>[2.220]</div></div> | <div><div>58.29</div><div>[2.295]</div></div> | <div><div>21</div></div> | <div><div>22</div></div> | <div><div>2-103673-1</div></div> |
| | <div><div>1</div><div>1</div></div> | <div><div>53.85</div><div>[2.120]</div></div> | <div><div>55.75</div><div>[2.195]</div></div> | <div><div>20</div></div> | <div><div>21</div></div> | <div><div>2-103673-0</div></div> |
| | <div><div>1</div><div>1</div></div> | <div><div>51.31</div><div>[2.020]</div></div> | <div><div>53.21</div><div>[2.095]</div></div> | <div><div>19</div></div> | <div><div>20</div></div> | <div><div>1-103673-9</div></div> |
| | <div><div>1</div><div>1</div></div> | <div><div>48.77</div><div>[1.920]</div></div> | <div><div>50.67</div><div>[1.995]</div></div> | <div><div>18</div></div> | <div><div>19</div></div> | <div><div>1-103673-8</div></div> |
| | <div><div>1</div><div>1</div></div> | <div><div>46.23</div><div>[1.820]</div></div> | <div><div>48.13</div><div>[1.895]</div></div> | <div><div>17</div></div> | <div><div>18</div></div> | <div><div>1-103673-7</div></div> |
| | <div><div>1</div><div>1</div></div> | <div><div>43.69</div><div>[1.720]</div></div> | <div><div>45.59</div><div>[1.795]</div></div> | <div><div>16</div></div> | <div><div>17</div></div> | <div><div>1-103673-6</div></div> |
| | <div><div>1</div><div>1</div></div> | <div><div>41.15</div><div>[1.620]</div></div> | <div><div>43.05</div><div>[1.695]</div></div> | <div><div>15</div></div> | <div><div>16</div></div> | <div><div>1-103673-5</div></div> |
| | <div><div>1</div><div>1</div></div> | <div><div>38.61</div><div>[1.520]</div></div> | <div><div>40.51</div><div>[1.595]</div></div> | <div><div>14</div></div> | <div><div>15</div></div> | <div><div>1-103673-4</div></div> |
| | <div><div>1</div><div>1</div></div> | <div><div>36.07</div><div>[1.420]</div></div> | <div><div>37.97</div><div>[1.495]</div></div> | <div><div>13</div></div> | <div><div>14</div></div> | <div><div>1-103673-3</div></div> |
| | <div><div>1</div><div>1</div></div> | <div><div>33.53</div><div>[1.320]</div></div> | <div><div>35.43</div><div>[1.395]</div></div> | <div><div>12</div></div> | <div><div>13</div></div> | <div><div>1-103673-2</div></div> |
| | <div><div>1</div><div>1</div></div> | <div><div>30.99</div><div>[1.220]</div></div> | <div><div>32.89</div><div>[1.295]</div></div> | <div><div>11</div></div> | <div><div>12</div></div> | <div><div>1-103673-1</div></div> |
| | <div><div>1</div><div>1</div></div> | <div><div>28.45</div><div>[1.120]</div></div> | <div><div>30.35</div><div>[1.195]</div></div> | <div><div>10</div></div> | <div><div>11</div></div> | <div><div>1-103673-0</div></div> |
| | <div><div>1</div><div>1</div></div> | <div><div>25.91</div><div>[1.020]</div></div> | <div><div>27.81</div><div>[1.095]</div></div> | <div><div>9</div></div> | <div><div>10</div></div> | <div><div>103673-9</div></div> |
| | <div><div>1</div><div>1</div></div> | <div><div>23.37</div><div>[.920]</div></div> | <div><div>25.27</div><div>[0.995]</div></div> | <div><div>8</div></div> | <div><div>9</div></div> | <div><div>103673-8</div></div> |
| | <div><div>1</div><div>1</div></div> | <div><div>20.83</div><div>[.820]</div></div> | <div><div>22.73</div><div>[.895]</div></div> | <div><div>7</div></div> | <div><div>8</div></div> | <div><div>103673-7</div></div> |
| | <div><div>1</div><div>1</div></div> | <div><div>18.29</div><div>[.720]</div></div> | <div><div>20.19</div><div>[.795]</div></div> | <div><div>6</div></div> | <div><div>7</div></div> | <div><div>103673-6</div></div> |
| | <div><div>1</div><div>1</div></div> | <div><div>15.75</div><div>[.620]</div></div> | <div><div>17.65</div><div>[.695]</div></div> | <div><div>5</div></div> | <div><div>6</div></div> | <div><div>103673-5</div></div> |
| | <div><div>1</div><div>1</div></div> | <div><div>13.21</div><div>[.520]</div></div> | <div><div>15.11</div><div>[.595]</div></div> | <div><div>4</div></div> | <div><div>5</div></div> | <div><div>103673-4</div></div> |
| | <div><div>1</div><div>1</div></div> | <div><div>10.67</div><div>[.420]</div></div> | <div><div>12.57</div><div>[.495]</div></div> | <div><div>3</div></div> | <div><div>4</div></div> | <div><div>103673-3</div></div> |
| | <div><div>1</div><div>1</div></div> | <div><div>8.13</div><div>[.320]</div></div> | <div><div>10.03</div><div>[.395]</div></div> | <div><div>2</div></div> | <div><div>3</div></div> | <div><div>103673-2</div></div> |
| | <div><div>1</div><div>1</div></div> | <div><div>5.59</div><div>[.220]</div></div> | <div><div>7.49</div><div>[.295]</div></div> | <div><div>1</div></div> | <div><div>2</div></div> | <div><div>103673-1</div></div> |
| REMARKS | PLATING | C | B | A | NO. OF POSN | PART NO. |

8

8

7

7

41.15

[1.620]

43.05

[1.695]

15

16

2-103673-6

7

7

18.29

[.720]

20.19

[.795]

6

7

2-103673-5

1

1

64.01

[2.520]

65.91

[2.595]

24

25

2-103673-4

1

1

61.47

[2.420]

63.37

[2.495]

23

24

2-103673-3

1

1

58.93

[2.320]

60.83

[2.395]

22

23

2-103673-2

1

1

56.39

[2.220]

58.29

[2.295]

21

22

2-103673-1

1

1

53.85

[2.120]

55.75

[2.195]

20

21

2-103673-0

1

1

51.31

[2.020]

53.21

[2.095]

19

20

1-103673-9

1

1

48.77

[1.920]

50.67

[1.995]

18

19

1-103673-8

1

1

46.23

[1.820]

48.13

[1.895]

17

18

1-103673-7

1

1

43.69

[1.720]

45.59

[1.795]

16

17

1-103673-6

1

1

41.15

[1.620]

43.05

[1.695]

15

16

1-103673-5

1

1

38.61

[1.520]

40.51

[1.595]

14

15

1-103673-4

1

1

36.07

[1.420]

37.97

[1.495]

13

14

1-103673-3

1

1

33.53

[1.320]

35.43

[1.395]

12

13

1-103673-2

1

1

30.99

[1.220]

32.89

[1.295]

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12

1-103673-1

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28.45

[1.120]

30.35

[1.195]

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11

1-103673-0

1

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25.91

[1.020]

27.81

[1.095]

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103673-9

1

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23.37

[.920]

25.27

[0.995]

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103673-8

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20.83

[.820]

22.73

[.895]

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103673-7

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18.29

[.720]

20.19

[.795]

6

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103673-6

1

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15.75

[.620]

17.65

[.695]

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6

103673-5

1

1

13.21

[.520]

15.11

[.595]

4

5

103673-4

1

1

10.67

[.420]

12.57

[.495]

3

4

103673-3

1

1

8.13

[.320]

10.03

[.395]

2

3

103673-2

1

1

5.59

[.220]

7.49

[.295]

1

2

103673-1

REMARKS

PLATING

C

B

A

NO.
OF
POSN

PART NO.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm [INCHES]

0 PLC
1 PLC
2 PLC
3 PLC
4 PLC

± -
± -
± 0.13[.005]
± -
± -

ANGLES
FINISH

MATERIAL
HOUSING: FLAME RETARDENT
LCP COLOR: BLACK
CONTACTS: BRASS

SEE TABLE

DWN
S. SHUEY
OSMAR91

CHK
J. GESFORD
OSMAR91

APVD
J. GESFORD
OSMAR91

NAME

PRODUCT SPEC
108-25034

APPLICATION SPEC
114-25026

SIZE
A1

CAGE CODE
00779

DRAWING NO
103673

RESTRICTED TO
-

WEIGHT
CUSTOMER DRAWING

SCALE
4:1

SHEET
2

OF
2

REV
W1

TE Connectivity Ltd.

HDR ASSY, RTANG, SINGLE ROW
2.54[.100] C/L 0.641[.025] SQ. POST,
WITH PLZN & HOLD DOWNS, AMPMODU MTE

4805 (1/15)

Mouser Electronics

Authorized Distributor

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