

| REVISIONS |     |                            |           |     |      |  |
|-----------|-----|----------------------------|-----------|-----|------|--|
| P         | LYR | DESCRIPTION                | DATE      | DWN | APVD |  |
|           | E   | Inner Hsg: chamfer removed | 03SEP2010 | CLA | ASC  |  |
|           | E1  | ECR-12017745               | 17OC12012 | SZN | SZG  |  |
|           | E2  | LASER PRINT UPDATED        | 10DEC2019 | SZN | LSZ  |  |

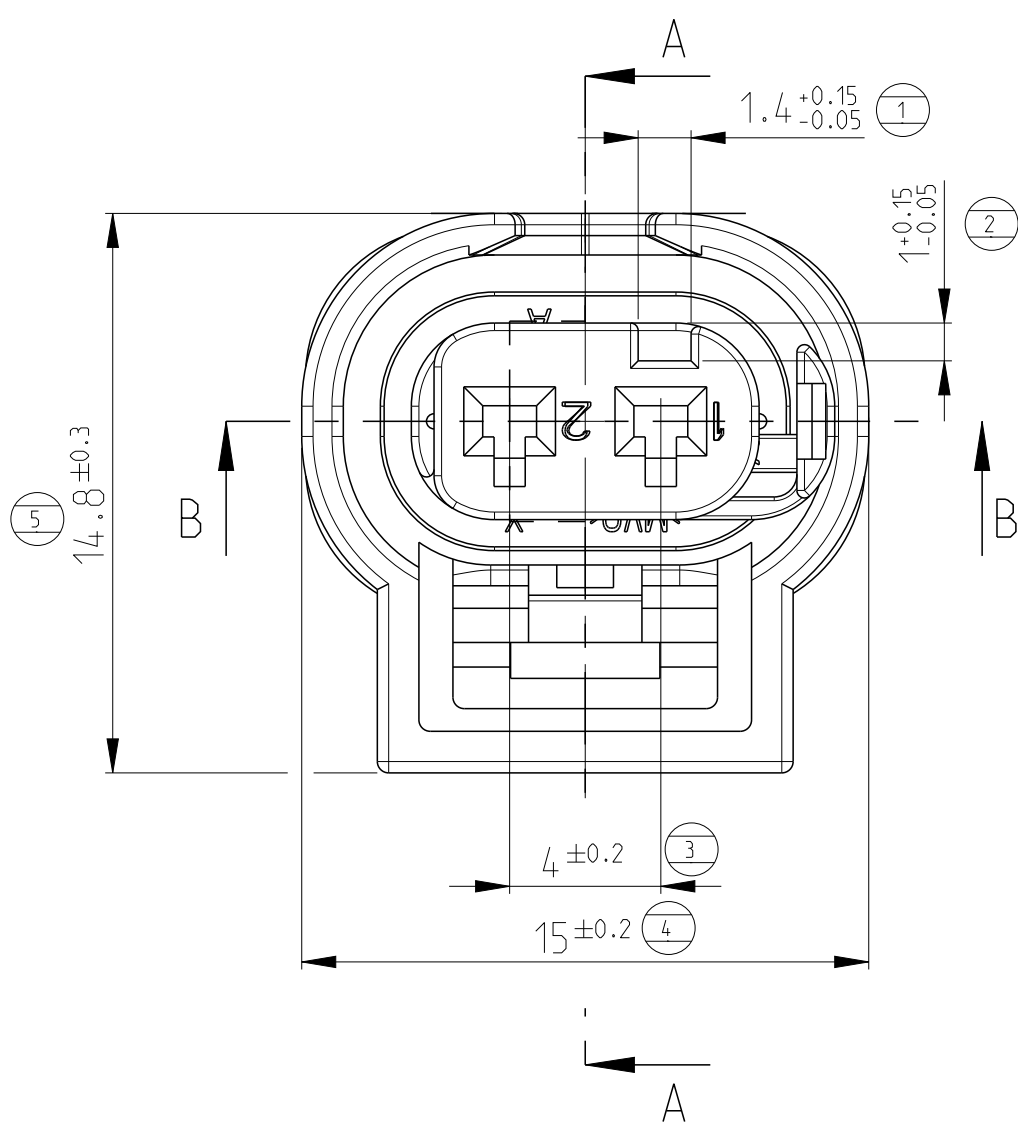
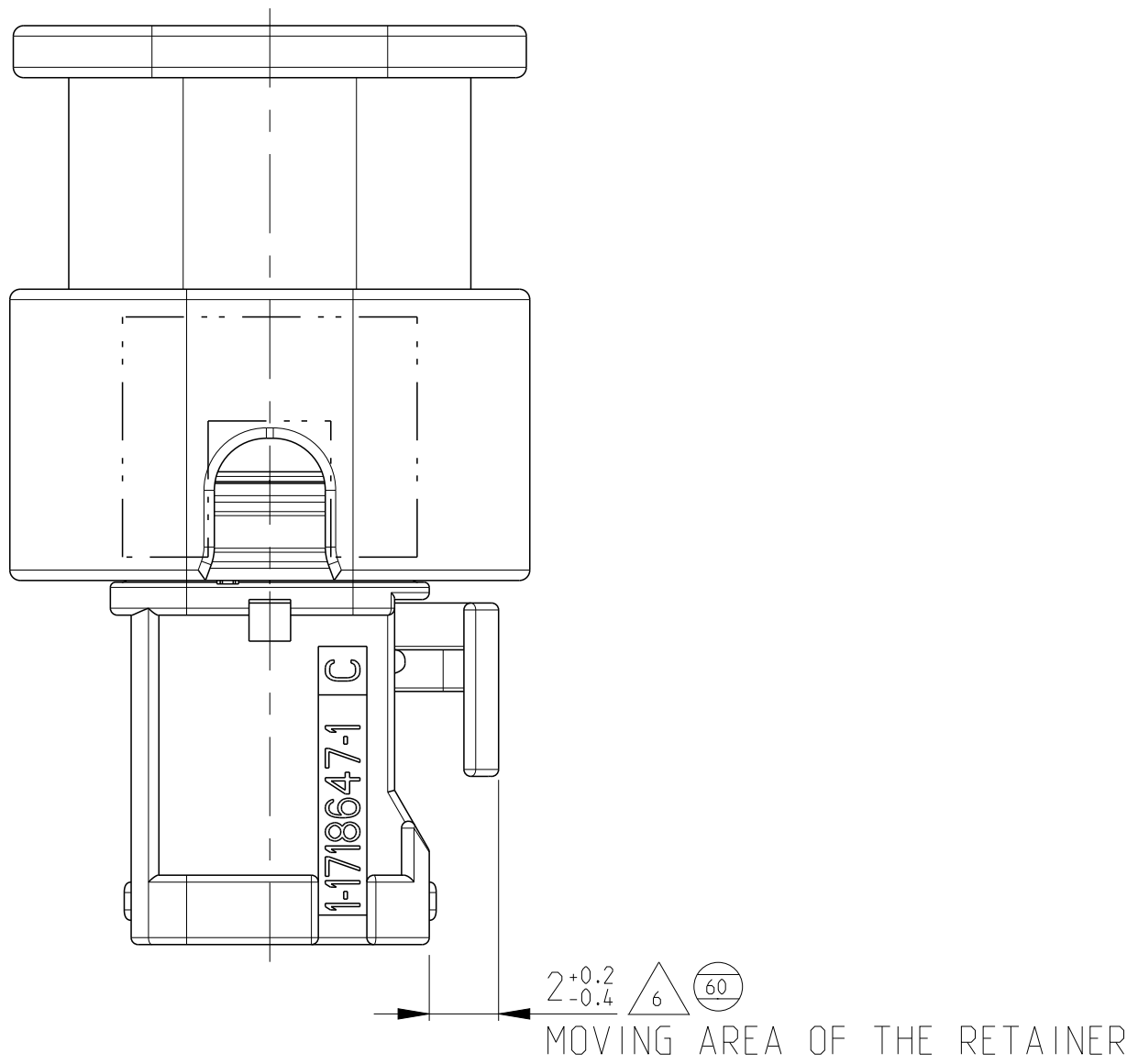
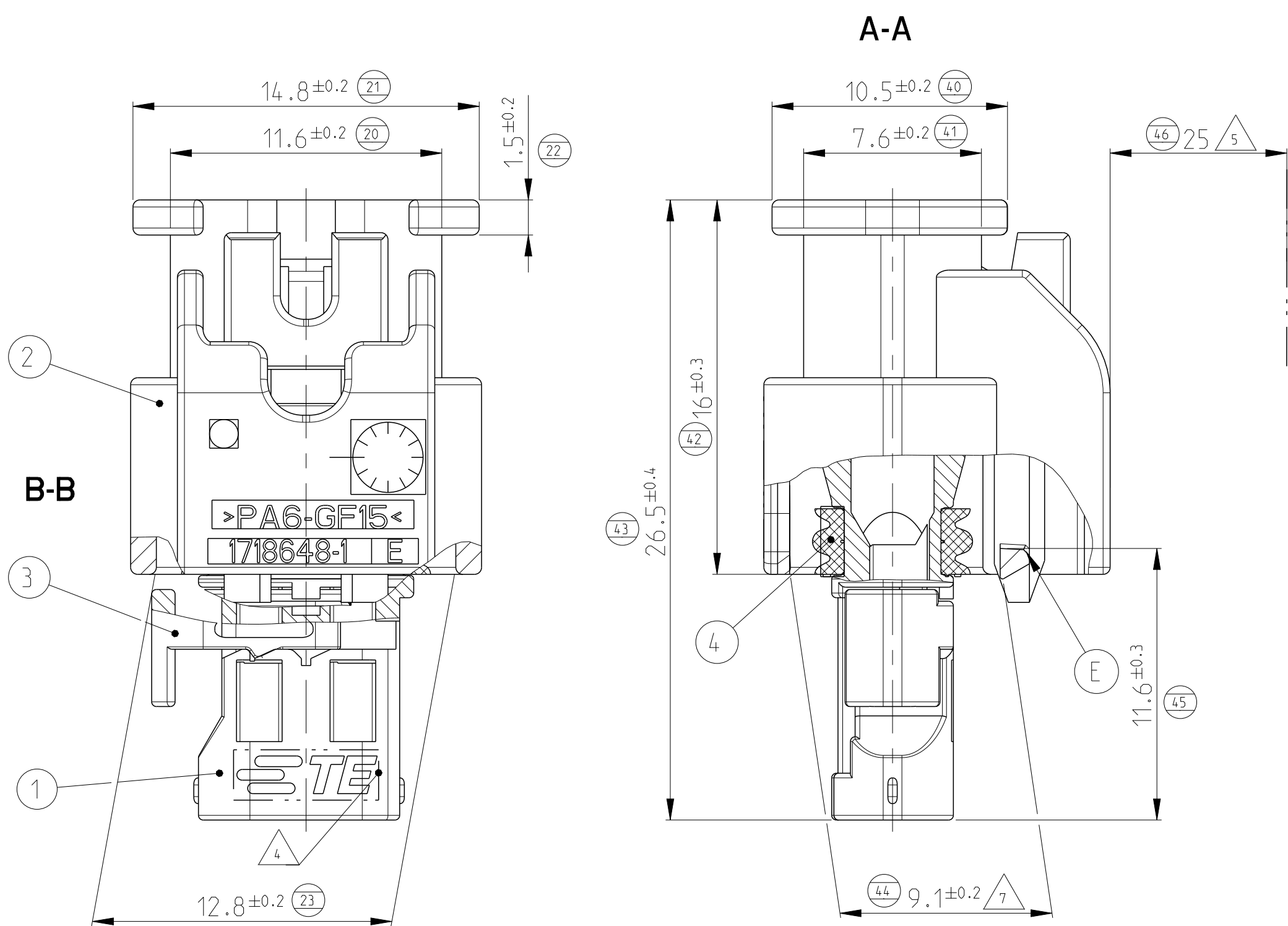


Figure 1 shows three cross-sectional views of a mechanical component, labeled A, B, and C. View A is the correct design, showing a component with a central hole and a dimension of  $2.1 \pm 0.1$ . View B is an incorrect design, marked with a large 'X' through it. View C is another incorrect design, also marked with a large 'X' through it, and shows a dimension of  $2.1 \pm 0.1$ .

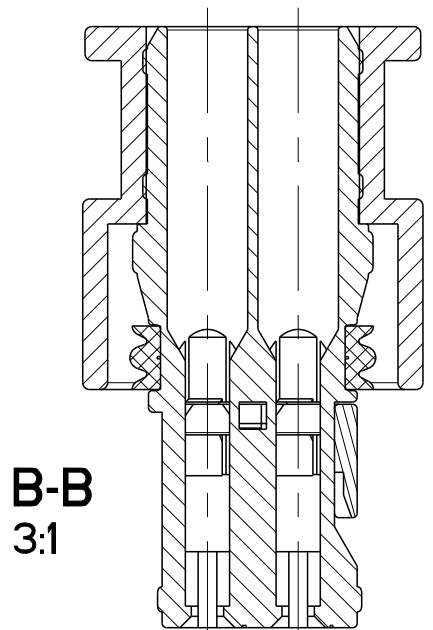
- 1 AREA FOR PRINT
- 2 USABLE CONTACTS MCON 1.2  
SEE TE-NO. 1452674, SINGLE WIRE SYSTEM
- 3 MAX. WIRE SIZE RANGE 1.0 mm<sup>2</sup> FLR PERMITTED  
FOR CAVITY-Ø 3.55MM  
QUANTITY SEE WIRE HARNESS DRAWING  
FOR PERMISSIBLE CURRENT CARRYING CAPACITY OF THE SINGLE CONTACT  
SEE PRODUCT SPECIFICATION NO.108-18782
- 4 SUPPLIER-MARK
- 5 SPACE OF ACTIVITY
- 6 SUPPLY CONDITION: RETAINER IN PRELOCKED POSITION
- 7 WARPAGE PERMITTED TO MAX. -0.5mm
- 8 TE ORDER-NO.
- 9 ACCORDING TO INTERFACE DRAWING  
SEE TE-NO. 114-18679-3
- 10 ASSEMBLY LINE SEGMENT IDENTIFICATION
- 11 DATE CODE (DDDDY)
- 12 DIVERGENT MARKING FOR PARTS FROM DIFFERENT LOCATIONS (BR, CN, U.S.,...)

CODING A AS SHOWN

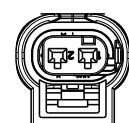
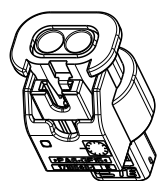


|                                                                                                         |            |                                       |            |            |                                  |                 |                       |             |
|---------------------------------------------------------------------------------------------------------|------------|---------------------------------------|------------|------------|----------------------------------|-----------------|-----------------------|-------------|
| 3-1670915-1                                                                                             | C          | 2pos. MCON 1.2 - LL Connector, Sealed | A          | 1          | 2pos. MCON 1.2 - Seal            | MVQ-30          | NATURE                | 4           |
|                                                                                                         |            |                                       |            | 1          | 2pos. MCON 1.2 - Retainer        | PA66-GF15       | VIOLETT               | 3           |
|                                                                                                         |            |                                       |            | 1          | 2pos. MCON 1.2 - Protec. Cover   | PA6-GF15        | BLACK                 | 2           |
|                                                                                                         |            |                                       |            | 1          | 2pos. MCON 1.2 - Recepticle Hsg. | PA66-GF30       | BLUE                  | 1           |
| 2-1670915-1                                                                                             | B          | 2pos. MCON 1.2 - LL Connector, Sealed | A          | 1          | 2pos. MCON 1.2 - Seal            | MVQ-30          | NATURE                | 4           |
|                                                                                                         |            |                                       |            | 1          | 2pos. MCON 1.2 - Retainer        | PA66-GF15       | VIOLETT               | 3           |
|                                                                                                         |            |                                       |            | 1          | 2pos. MCON 1.2 - Protec. Cover   | PA6-GF15        | BLACK                 | 2           |
|                                                                                                         |            |                                       |            | 1          | 2pos. MCON 1.2 - Recepticle Hsg. | PA66-GF30       | NATURE                | 1           |
| 1-1670915-1                                                                                             | A          | 2pos. MCON 1.2 - LL Connector, Sealed | E          | 1          | 2pos. MCON 1.2 - Seal            | MVQ-30          | NATURE                | 4           |
|                                                                                                         |            |                                       |            | 1          | 2pos. MCON 1.2 - Retainer        | PA66-GF15       | VIOLETT               | 3           |
|                                                                                                         |            |                                       |            | 1          | 2pos. MCON 1.2 - Protec. Cover   | PA6-GF15        | BLACK                 | 2           |
|                                                                                                         |            |                                       |            | 1          | 2pos. MCON 1.2 - Recepticle Hsg. | PA66-GF30       | BLACK                 | 1           |
| <b>TE-ORDER-NO.</b>  | <b>COD</b> | <b>DESCRIPTION</b>                    | <b>REV</b> | <b>QTY</b> | <b>DESCRIPTION</b>               | <b>MATERIAL</b> | <b>SURFACE/COLOUR</b> | <b>ITEM</b> |

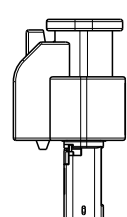
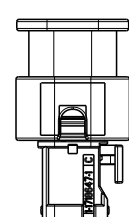
3D VIEW  
1:1



**B-B**  
**3:1**



1:1



THIS DRAWING IS A CONTROLLED DOCUMENT...

DWG

R. Bachmann

19DEC2006

CWP

J. Schroebl

26SEP2008

AVO

J. Waller

26SEP2008



TE Connectivity

DIMENSIONS :

mm

TOLERANCES, UNLESS OTHERWISE SPECIFIED :

Q-PLC

1-PLC

2-PLC

3-PLC

4-PLC

ANGLES

FINISH

±0.2

±0.15

±0.1

±0.075

±0.05

32°

±0.25 EN 12754

±0.15 EN 12754

±0.1 ISO 8015

NAME

2pos. MC0N 1.2 - LL Connector . Sealed

PRODUCT SPEC

108-18969

APPLICATION SPEC

116-18861

WEIGHT

2.4 g

SIZE

CASE CODE

DRAWING NO

RESTRICTED TO

A |

00779

C=1670915

CUSTOMER DRAWING

SCALE

15:1

SHEET

1

OF

1

REV

E

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[1-1670915-1](#)