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4

3

2

1

REVISIONS

| P | LTR | DESCRIPTION                  | DATE      | DWN | APVD |
|---|-----|------------------------------|-----------|-----|------|
|   | 4   | REVISED TO SHOW ALL WIRES    | 02OCT2015 | JS  | CG   |
|   | 5   | NOTE CLARIFICATION           | 03NOV2015 | MM  | MM   |
|   | 6   | REVISED TO SHOW PART CHANGES | 29DEC2015 | JS  | CG   |

NOTES:

1.MATERIALS:  
HOUSINGS: GLASS-FILLED THERMOPLASTIC, UL 94V-0 RATED  
SIGNAL CONTACTS (2 OR 4) AND LINE VOLTAGE CONTACTS (3):  
COPPER ALLOY

2.FINISH:  
SIGNAL CONTACTS (2 OR 4): NICKEL UNDERPLATE ENTIRE  
CONTACT 0.127 µm MIN THICK. GOLD PLATE CONTACT  
PAD AREA (MATING FACE SIDE ONLY) 0.76 µm MIN THICK.  
MATTE TIN PLATE TAB ON BOTH SIDES 0.30 µm MIN THICK.  
LINE VOLTAGE CONTACTS (3): TIN PLATE.

3

LINE VOLTAGE CONDUCTORS (3):  
14 AWG, 600V, 150°C RATED, COPPER 41/30 STRANDED  
PER UL STYLE AWM 3321.

4

MATING INTERFACE PER ANSI C136.41-2013.

5

OPTIONAL SIGNAL CONTACTS (2) SUPPLIED WITH -2 AND -4 ONLY.

6

SIGNAL CONDUCTORS (2 OR 4):  
18 AWG, 600V, 150°C RATED, 16/30 STRANDED,  
PER UL STYLE AWM 3321.

7

LINE VOLTAGE CONDUCTORS (3):  
14 AWG, 600V, 105°C RATED, COPPER 41/30 STRANDED.  
PER UL STYLE AWM 1015.

8

SIGNAL CONDUCTORS (2 OR 4):  
18 AWG, 600V, 105°C RATED, COPPER 16/30 STRANDED.  
PER UL STYLE AWM 1015.

9

LUBRICATION: GOLD PLATED CONTACT PAD SURFACES OF SIGNAL  
CONTACTS ARE LUBRICATED WITH A TRANSPARENT (NON-VISIBLE)  
LUBRICANT TO IMPROVE DURABILITY AND PERFORMANCE. AVOID  
CONTACT WITH THESE SURFACES WHICH MAY RESULT IN REMOVAL  
OF LUBRICANT.

10

WHEN INCLUDED: SEALING GASKET (TE P/N 2213626-1)  
SHIPPED IN PLACE ON ASSEMBLY AND RETAINED BY THE WIRE LEAD BUNDLE.

ROTATE CENTER

480V MAX  
15A MAX

STE

LOOSEN SCREWS

SEE SHEET 2 FOR  
WIRING COLOR CODE

OUTER HOUSING

INNER HOUSING

LINE VOLTAGE CONTACTS (3X)

SIGNAL CONTACTS (4X)

10

|                |             |       |                               |                      |                             |           |
|----------------|-------------|-------|-------------------------------|----------------------|-----------------------------|-----------|
| 341.1          | 304.8       | 291.3 | <div>7</div> AND <div>8</div> | Y                    | 4 <div>5</div>              | 2213627-8 |
| 341.1          | 304.8       | 291.3 | <div>7</div> AND <div>8</div> | Y                    | 2                           | 2213627-7 |
| 341.1          | 304.8       | 291.3 | <div>3</div> AND <div>6</div> | Y                    | 4 <div>5</div>              | 2213627-6 |
| 341.1          | 304.8       | 291.3 | <div>3</div> AND <div>6</div> | Y                    | 2                           | 2213627-5 |
| 341.1          | 304.8       | 291.3 | <div>7</div> AND <div>8</div> | N                    | 4 <div>5</div>              | 2213627-4 |
| 341.1          | 304.8       | 291.3 | <div>7</div> AND <div>8</div> | N                    | 2                           | 2213627-3 |
| 341.1          | 304.8       | 291.3 | <div>3</div> AND <div>6</div> | N                    | 4 <div>5</div>              | 2213627-2 |
| 341.1          | 304.8       | 291.3 | <div>3</div> AND <div>6</div> | N                    | 2                           | 2213627-1 |
| C              | A           | B     | WIRE STYLE                    | GASKET <div>10</div> | SIGNAL CONTACTS<br>QUANTITY | PART NO.  |
| OVERALL LENGTH | WIRE LENGTH |       |                               |                      |                             |           |

NEW PRODUCT  
PRELIMINARY  
IN DEVELOPMENT

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:  
mm

TOLERANCES UNLESS  
OTHERWISE SPECIFIED:

0 PLC ±

1 PLC ±

2 PLC ±

3 PLC ±

4 PLC ±

ANGLES ±

FINISH -

-

DWN  
RAVLS  
07APR2015

CHK  
C GINGRICH  
07APR2015

APVD  
C GINGRICH  
07APR2015

PRODUCT SPEC  
108-32059

APPLICATION SPEC  
114-32148

WEIGHT  
-

Customer Drawing

NAME  
ASSEMBLY ROTATING DIMMING  
RECEPTACLE (49.22mm),  
-

SIZE  
A2

CAGE CODE  
-

DRAWING NO  
C-2213627

RESTRICTED TO  
-

SCALE  
1:2

SHEET  
1 OF 3

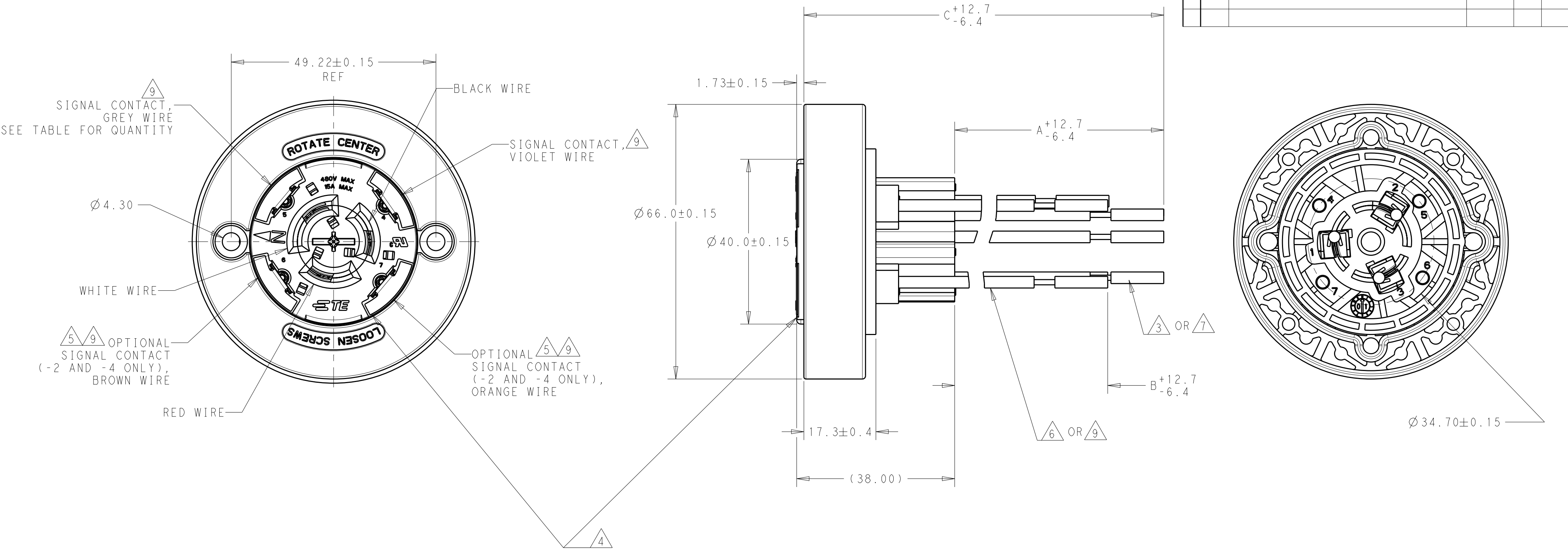
REV  
6

STE

TE Connectivity

1471-9 (3/13)

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



| TYPE   | POSITION # | WIRE COLOR |
|--------|------------|------------|
| POWER  | 1          | BLACK      |
| POWER  | 2          | WHITE      |
| POWER  | 3          | RED        |
| SIGNAL | 4          | VIOLET     |
| SIGNAL | 5          | GRAY       |
| SIGNAL | 6          | BROWN      |
| SIGNAL | 7          | ORANGE     |

NEW PRODUCT  
PRELIMINARY  
IN DEVELOPMENT

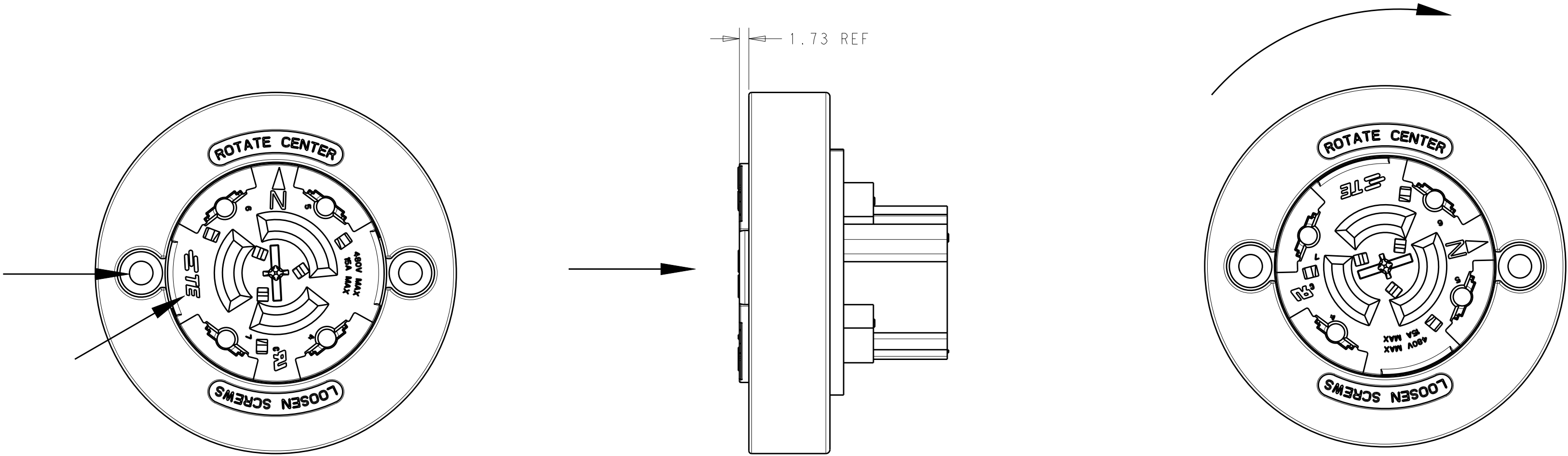
|                                                                           |  |                                                                           |                                                                                                       |  |  |  |
|---------------------------------------------------------------------------|--|---------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|--|--|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                    |  | DWN<br>RAVLS<br>07APR2015                                                 |  TE Connectivity |  |  |  |
| DIMENSIONS:<br>mm                                                         |  | CHK<br>C.GINGRICH<br>07APR2015                                            |                                                                                                       |  |  |  |
| TOLERANCES UNLESS OTHERWISE SPECIFIED:                                    |  | APVD<br>C.GINGRICH<br>07APR2015                                           | NAME<br>ASSEMBLY ROTATING DIMMING<br>RECEPTACLE (49.22mm),<br>-                                       |  |  |  |
| 0 PLC ±<br>1 PLC ±<br>2 PLC ±<br>3 PLC ±<br>4 PLC ±<br>ANGLES ±<br>FINISH |  | PRODUCT SPEC<br>108-32059<br>APPLICATION SPEC<br>114-32148<br>WEIGHT<br>- | SIZE<br>A2                                                                                            |  |  |  |
| MATERIAL<br>-<br>-                                                        |  | Customer Drawing                                                          | CAGE CODE<br>-                                                                                        |  |  |  |
|                                                                           |  |                                                                           | DRAWING NO<br>C-2213627                                                                               |  |  |  |
|                                                                           |  |                                                                           | RESTRICTED TO<br>-                                                                                    |  |  |  |
|                                                                           |  |                                                                           | SCALE<br>1:2                                                                                          |  |  |  |
|                                                                           |  |                                                                           | SHEET<br>2 OF 3                                                                                       |  |  |  |
|                                                                           |  |                                                                           | REV<br>6                                                                                              |  |  |  |

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

IF THE LOCK RING BECOME SEPARATED FROM THE INNER HOUSING ASSEMBLY, FOLLOW THE THESE STEPS TO SNAP IT BACK INTO PLACE

TO ASSEMBLE THE LOCK RING ONTO THE INNER HOUSING, THESE STEPS MUST BE FOLLOWED.



STEP 1: ALIGN THE TE LOGO WITH ONE OF THE SCREW HOLES ON THE LOCK RING.

STEP 2: SNAP THE LOCK RING ONTO THE INNER HOUSING ASSEMBLY

STEP 3: TURN THE LOCK RING FULLY CLOCKWISE UNTIL IT STOPS (THE NORTH INDICATOR WILL BE ADJACENT TO ONE OF THE SCREW HOLES IN THE LOCK RING)

NEW PRODUCT  
PRELIMINARY  
IN DEVELOPMENT

|                                        |                                        |                                 |                                                         |  |  |  |
|----------------------------------------|----------------------------------------|---------------------------------|---------------------------------------------------------|--|--|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |                                        | DWN<br>RAVL.S<br>07APR2015      | TE Connectivity                                         |  |  |  |
| DIMENSIONS:                            |                                        | CHK<br>C.GINGRICH<br>07APR2015  |                                                         |  |  |  |
| mm                                     | TOLERANCES UNLESS OTHERWISE SPECIFIED: | APVD<br>C.GINGRICH<br>07APR2015 | NAME<br>ASSEMBLY ROTATING DIMMING RECEPTACLE (49.22mm), |  |  |  |
|                                        | 0 PLC ±-                               | PRODUCT SPEC                    | -                                                       |  |  |  |
|                                        | 1 PLC ±-                               | 108-32059                       | SIZE                                                    |  |  |  |
|                                        | 2 PLC ±-                               | APPLICATION SPEC                | A2                                                      |  |  |  |
|                                        | 3 PLC ±-                               | 114-32148                       | CAGE CODE                                               |  |  |  |
| MATERIAL                               | FINISH                                 | WEIGHT                          | DRAWING NO                                              |  |  |  |
| -                                      | -                                      | -                               | C-2213627                                               |  |  |  |
| -                                      | -                                      | Customer Drawing                | RESTRICTED TO                                           |  |  |  |
|                                        |                                        |                                 | SCALE 1:2 SHEET 3 OF 3 REV 6                            |  |  |  |



**Стандарт  
Электрон  
Связь**

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