

4

3

2

1

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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.

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

SEALING GASKET (TE P/N 2213626-1) SHIPPED IN PLACE ON ASSEMBLY

AND RETAINED BY THE WIRE LEAD BUNDLE.

11

SEALING GASKET (TE P/N 2213847-1) SHIPPED IN PLACE ON ASSEMBLY

AND RETAINED BY THE WIRE BUNDLE.

12

MUST BE USED WITH GASKET P/N 2213626-1(SOLD SEPARATELY).

13

MUST BE USED WITH GASKET P/N 2213847-1(SOLD SEPARATELY).

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	RELEASED FOR PRODUCTION	22NOV2017	RK	DD
	A1	REVISED PER ECO-19-002977	26FEB2019	GCM	DD
	A2	REVISED PER ECR-19-011453	25JUL2019	SR	DD
	A3	REVISED PER ECR-19-017023	06NOV2019	SB	DD

645.9	609.6	596.1	3 AND 6	N 12	4 5	3-2213627-2
341.1	304.8	291.3	3 AND 6	N 12	4 5	2-2213627-2
-	304.8	-	7	Y 11	-	1-2213627-9
341.1	304.8	291.3	7 AND 8	Y 11	4 5	1-2213627-8
341.1	304.8	291.3	7 AND 8	Y 11	2	1-2213627-7
341.1	304.8	291.3	3 AND 6	Y 11	4 5	1-2213627-6
341.1	304.8	291.3	3 AND 6	Y 11	2	1-2213627-5
341.1	304.8	291.3	7 AND 8	N 13	4 5	1-2213627-4
341.1	304.8	291.3	7 AND 8	N 13	2	1-2213627-3
341.1	304.8	291.3	3 AND 6	N 13	4 5	1-2213627-2
341.1	304.8	291.3	3 AND 6	N 13	2	1-2213627-1
341.1	304.8	291.3	7 AND 8	Y 10	4 5	2213627-8
341.1	304.8	291.3	7 AND 8	Y 10	2	2213627-7
341.1	304.8	291.3	3 AND 6	Y 10	4 5	2213627-6
341.1	304.8	291.3	3 AND 6	Y 10	2	2213627-5
341.1	304.8	291.3	7 AND 8	N 12	4 5	2213627-4
341.1	304.8	291.3	7 AND 8	N 12	2	2213627-3
341.1	304.8	291.3	3 AND 6	N 12	4 5	2213627-2
341.1	304.8	291.3	3 AND 6	N 12	2	2213627-1
C	A	B	WIRE STYLE	GASKET	SIGNAL CONTACTS QUANTITY	PART NO.
OVERALL LENGTH	WIRE LENGTH					

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±

1 PLC ±

2 PLC ±

3 PLC ±

4 PLC ±

ANGLES ±

FINISH -

-

MATERIAL

-

-

DWN RAVI.S 07APR2015

CHK C.GINGRICH 07APR2015

APVD C.GINGRICH 07APR2015

PRODUCT SPEC 108-32059

APPLICATION SPEC 114-32148

WEIGHT -

CUSTOMER DRAWING

TE Connectivity

ASSEMBLY ROTATING DIMMING RECEPTACLE (49.22mm), -

SIZE A2

CAGE CODE -

DRAWING NO. 2213627

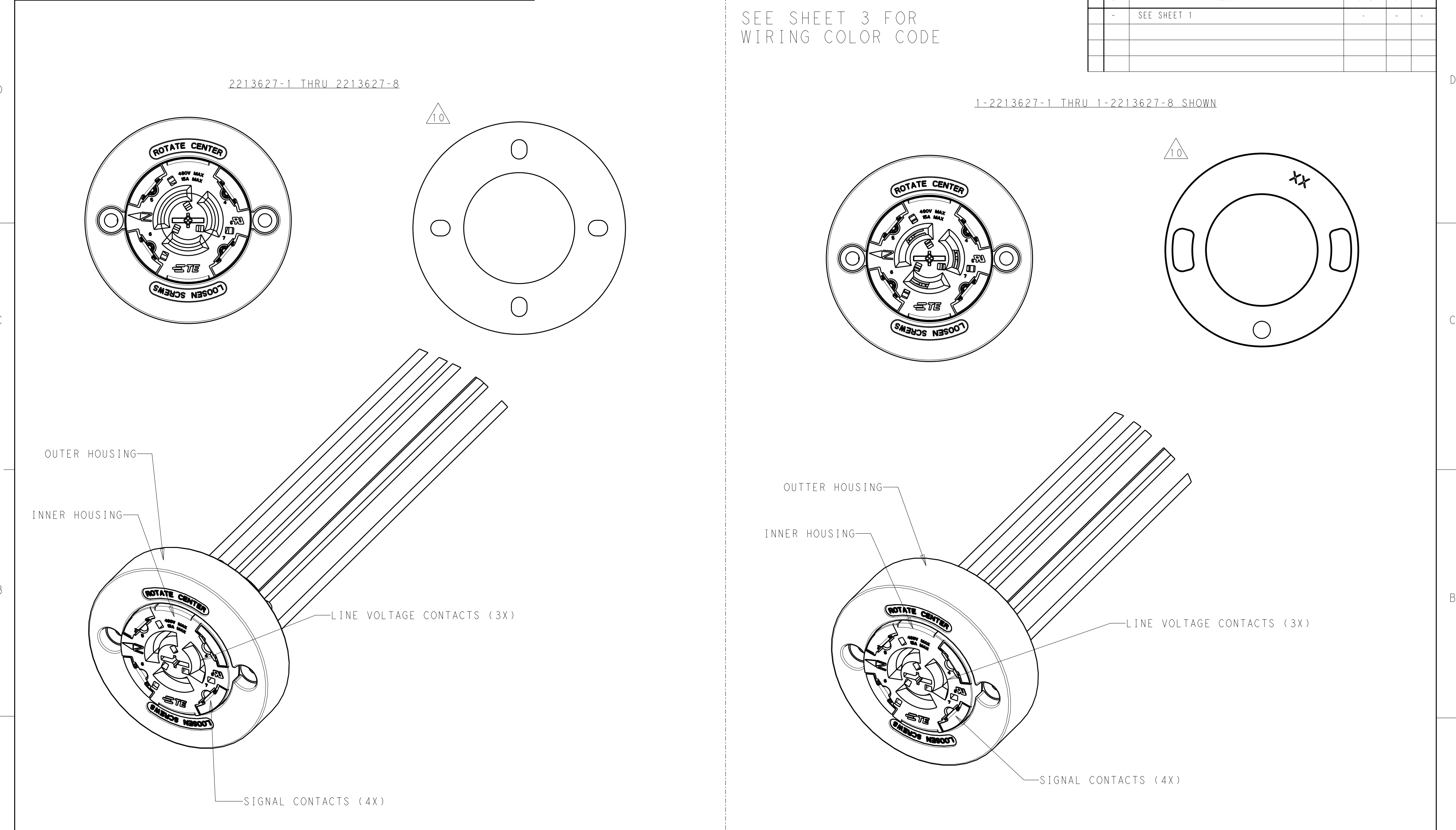
RESTRICTED TO -

SCALE 1:2

SHEET 1 OF 4

REV A3

1471-9 (3/13)

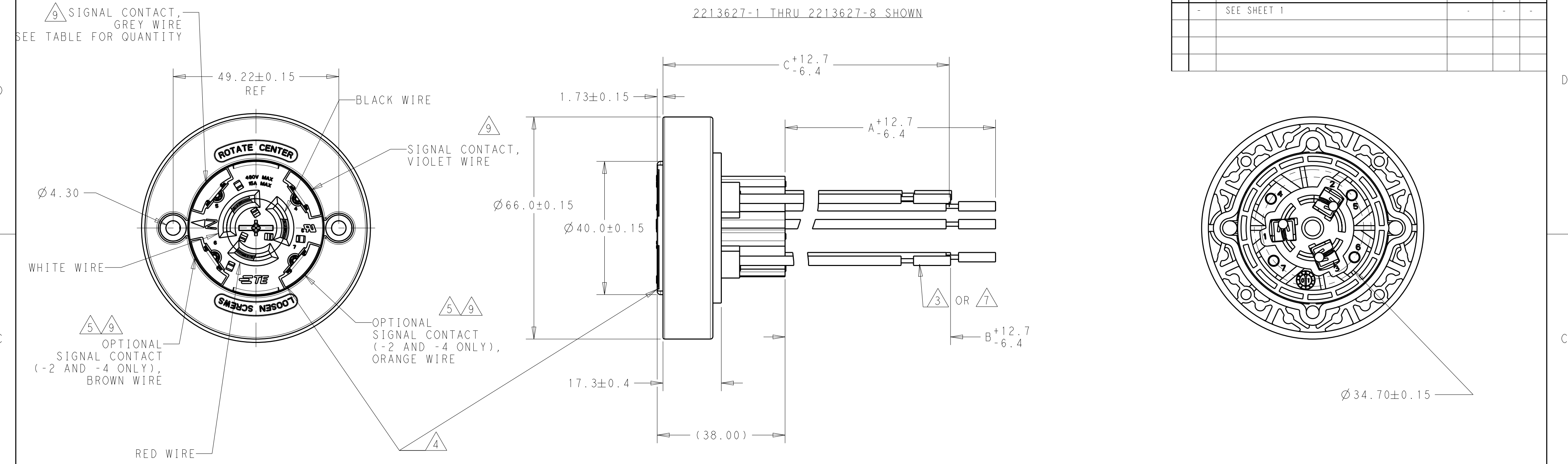


THIS DRAWING IS A CONTROLLED DOCUMENT.

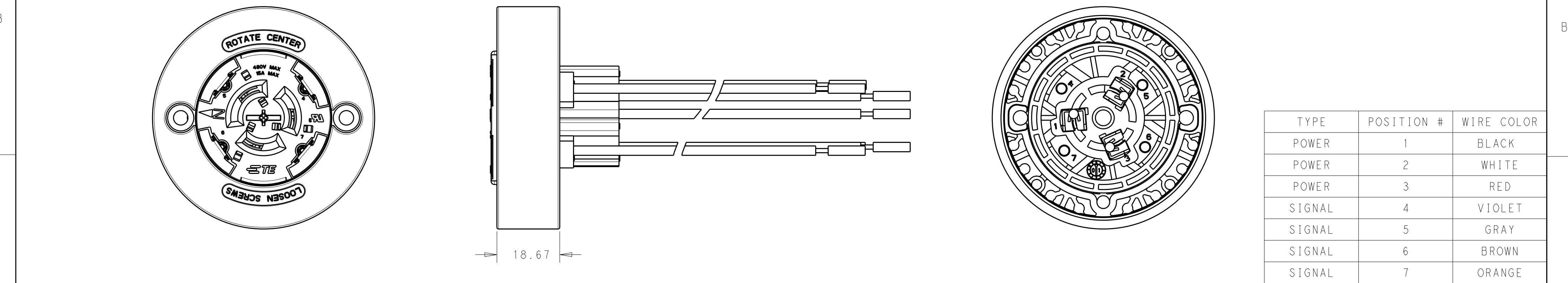
DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DWN RAVLS 07APR2015
mm		CHK C.GINGRICH 07APR2015
	0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ± FINISH	APVD C.GINGRICH 07APR2015
MATERIAL		PRODUCT SPEC 108-32059
-		APPLICATION SPEC 114-32148
-		WEIGHT -
		CUSTOMER DRAWING

TE Connectivity

NAME ASSEMBLY ROTATING DIMMING RECEPTACLE (49.22mm),	
SIZE A2	CAGE CODE -
DRAWING NO C-2213627	RESTRICTED TO -
SCALE 1:2	SHEET 2 OF 4
REV A3	



1-2213627-1 THRU 1-2213627-8
SAME AS
2213627-1 THRU 2213627-8
EXCEPT AS SHOWN



THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC	±
1 PLC	±
2 PLC	±
3 PLC	±
4 PLC	±
ANGLES	±
FINISH	-
-	-

MATERIAL

-

-

DWN
RAVL.S
07APR2015

CHK
C.GINGRICH
07APR2015

APVD
C.GINGRICH
07APR2015

PRODUCT SPEC
108-32059

APPLICATION SPEC
114-32148

WEIGHT
-

CUSTOMER DRAWING

TE Connectivity

NAME
ASSEMBLY ROTATING DIMMING
RECEPTACLE (49.22mm),
-

SIZE
A2

CAGE CODE
-

DRAWING NO
C-2213627

RESTRICTED TO
-

SCALE 1:2 SHEET 3 OF 4 REV A3

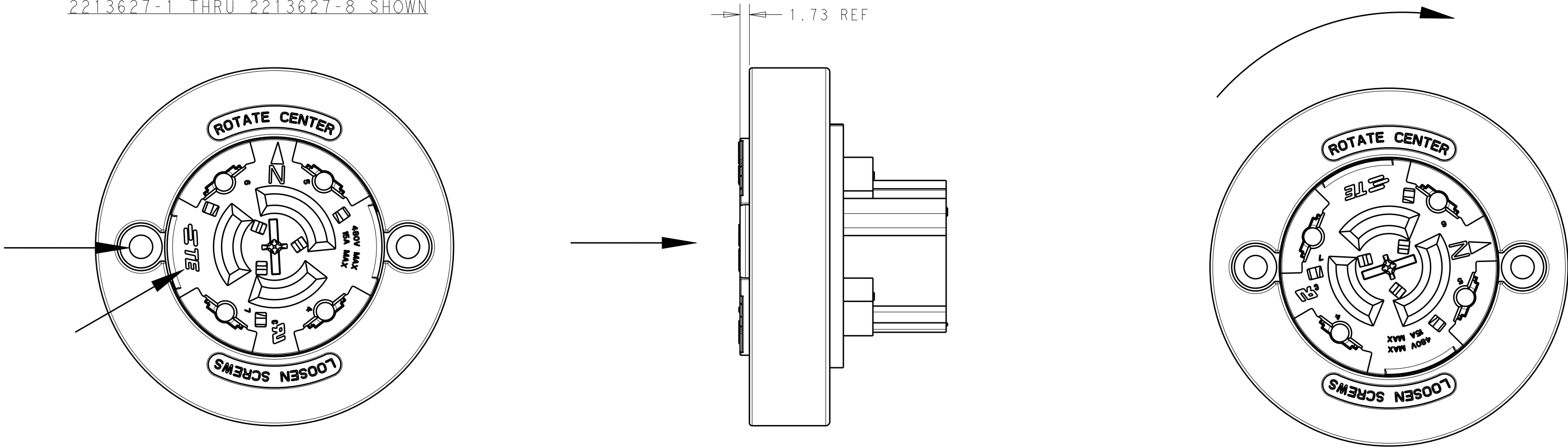
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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

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.

2213627-1 THRU 2213627-8 SHOWN

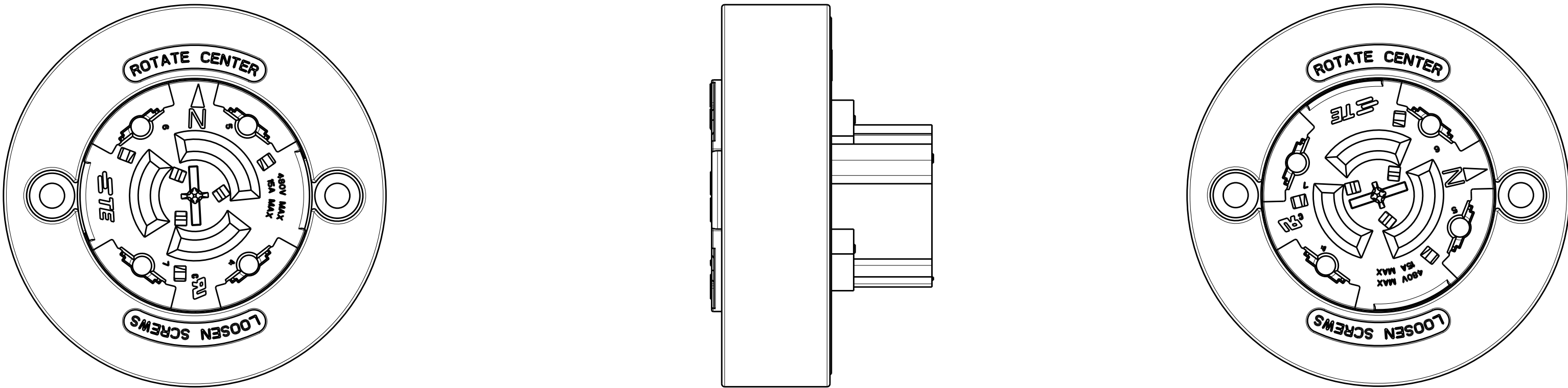


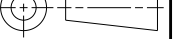
STEP 1: ALIGN THE TE LOGO WITH ONE OF THE SCREW HOLES ON THE LOCK RING.

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)

1-2213627-1 THRU 1-2213627-8 SHOWN



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN RAVI.S 07APR2015	 TE Connectivity					
DIMENSIONS:		CHK C.GINGRICH 07APR2015						
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD C.GINGRICH 07APR2015	NAME ASSEMBLY ROTATING DIMMING RECEPTACLE (49.22mm), -					
	0 PLC ±-	PRODUCT SPEC	108-32059		SIZE A2	CAGE CODE -	DRAWING NO C=2213627	RESTRICTED TO -
	1 PLC ±-	APPLICATION SPEC						
	2 PLC ±-	114-32148						
	3 PLC ±-	WEIGHT -						
	4 PLC ±-	CUSTOMER DRAWING	SCALE 1:2		SHEET 4 OF 4	REV A3		
MATERIAL - -	FINISH - -							