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20

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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	7 AND 8	Y	4 5	2213627-8
341.1	304.8	291.3	7 AND 8	Y	2	2213627-7
341.1	304.8	291.3	3 AND 6	Y	4 5	2213627-6
341.1	304.8	291.3	3 AND 6	Y	2	2213627-5
341.1	304.8	291.3	7 AND 8	N	4 5	2213627-4
341.1	304.8	291.3	7 AND 8	N	2	2213627-3
341.1	304.8	291.3	3 AND 6	N	4 5	2213627-2
341.1	304.8	291.3	3 AND 6	N	2	2213627-1
C	A	B	WIRE STYLE	GASKET 10	SIGNAL CONTACTS 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

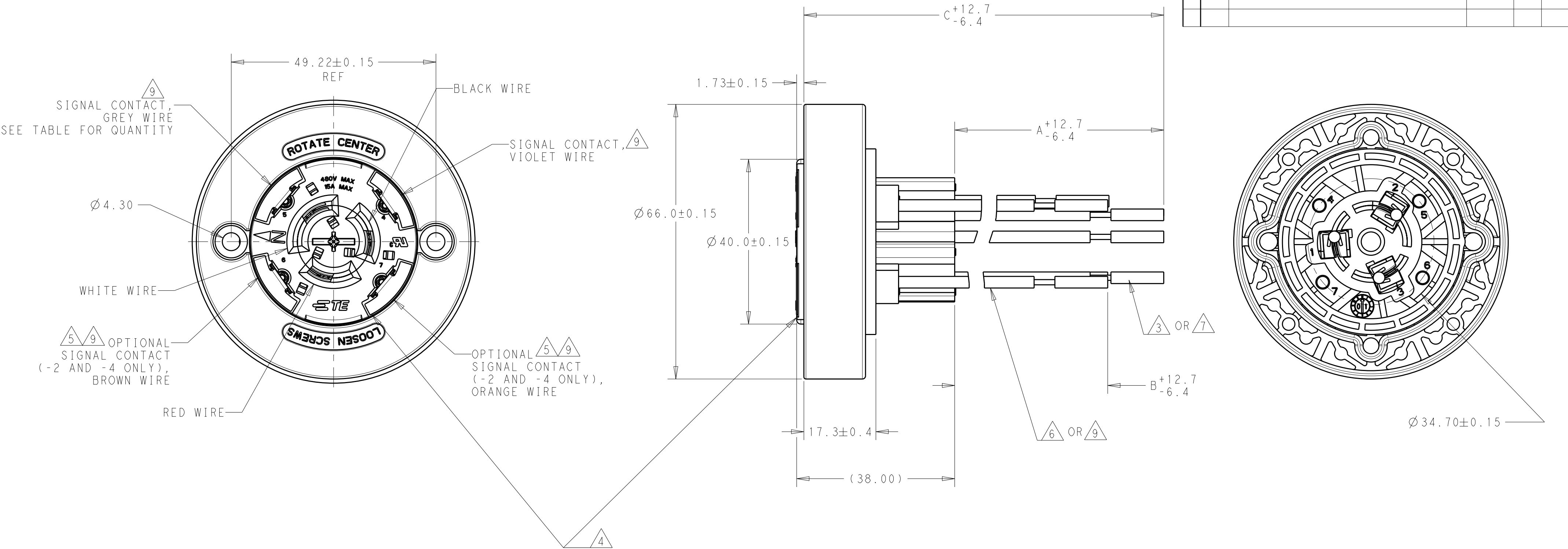
REV
6

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

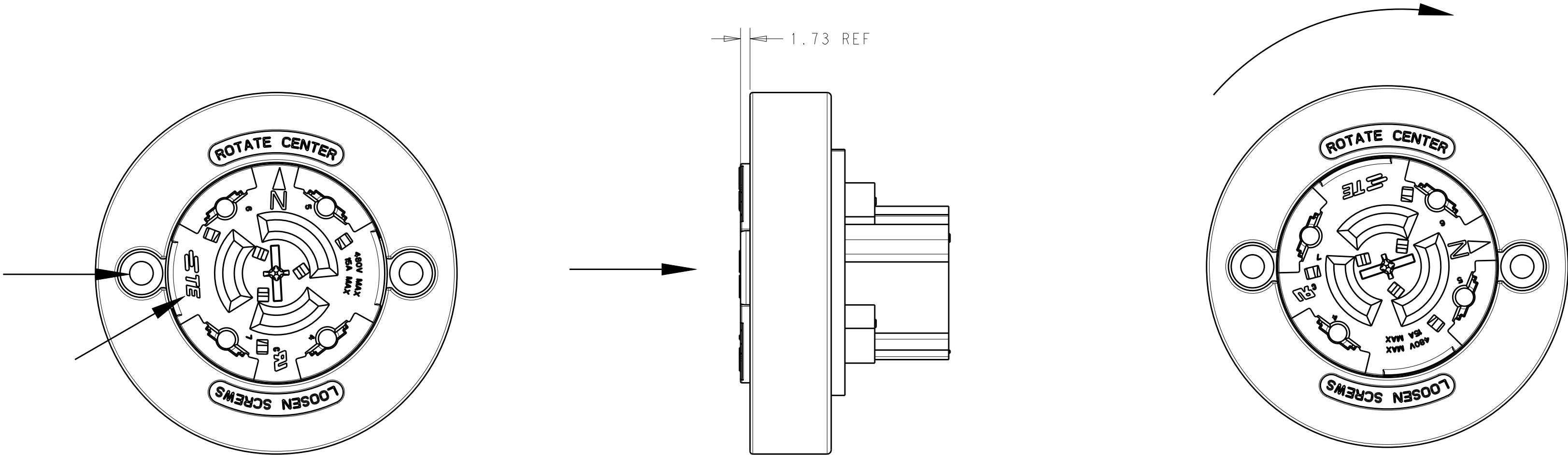
NEW PRODUCT
PRELIMINARY
IN DEVELOPMENT

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

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 RAVLS 07APR2015	TE Connectivity			
DIMENSIONS: mm		CHK C.GINGRICH 07APR2015				
		APVD C.GINGRICH 07APR2015	NAME ASSEMBLY ROTATING DIMMING RECEPTACLE (49.22mm), -			
		PRODUCT SPEC 108-32059	SIZE A2			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPLICATION SPEC 114-32148	CAGE CODE -		DRAWING NO C-2213627	
MATERIAL - -		WEIGHT -	RESTRICTED TO -		SCALE 1:2	
		Customer Drawing	SHEET 3 OF 3		REV 6	