

4

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

10 SEALING GASKET (TE P/N 2213847-1) SHIPPED IN PLACE ON ASSEMBLY
AND RETAINED BY THE WIRE BUNDLE.

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

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

645.9	609.6	596.1	3 AND 6	N 11	4 5	3-2213627-2
341.1	304.8	291.3	3 AND 6	N 11	4 5	2-2213627-2
-	304.8	-	7	Y 10	-	1-2213627-9
341.1	304.8	291.3	7 AND 8	Y 10	4 5	1-2213627-8
341.1	304.8	291.3	7 AND 8	Y 10	2	1-2213627-7
341.1	304.8	291.3	3 AND 6	Y 10	4 5	1-2213627-6
341.1	304.8	291.3	3 AND 6	Y 10	2	1-2213627-5
341.1	304.8	291.3	7 AND 8	N 12	4 5	1-2213627-4
341.1	304.8	291.3	7 AND 8	N 12	2	1-2213627-3
341.1	304.8	291.3	3 AND 6	N 12	4 5	1-2213627-2
341.1	304.8	291.3	3 AND 6	N 12	2	1-2213627-1
341.1	304.8	291.3	7 AND 8	Y 9	4 5	2213627-8
341.1	304.8	291.3	7 AND 8	Y 9	2	2213627-7
341.1	304.8	291.3	3 AND 6	Y 9	4 5	2213627-6
341.1	304.8	291.3	3 AND 6	Y 9	2	2213627-5
341.1	304.8	291.3	7 AND 8	N 11	4 5	2213627-4
341.1	304.8	291.3	7 AND 8	N 11	2	2213627-3
341.1	304.8	291.3	3 AND 6	N 11	4 5	2213627-2
341.1	304.8	291.3	3 AND 6	N 11	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 -

-

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 C-2213627

RESTRICTED TO -

SCALE 1:2

SHEET 1 OF 4

REV B

1471-9 (3/13)

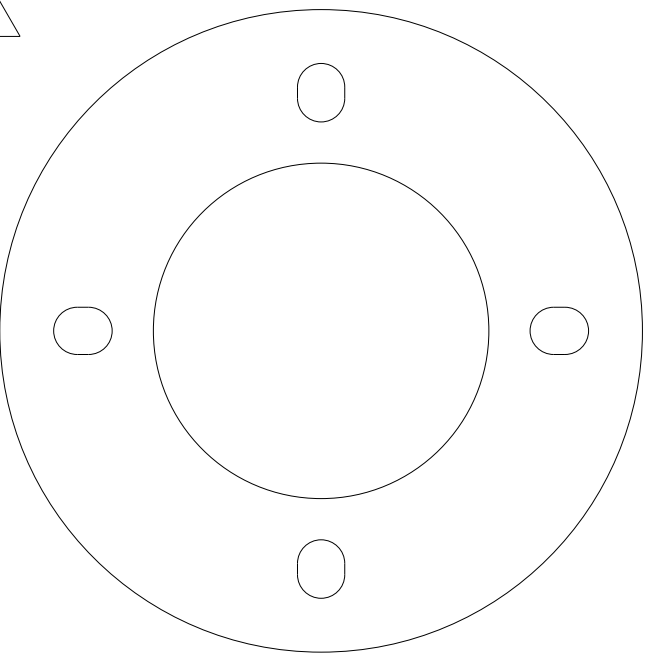
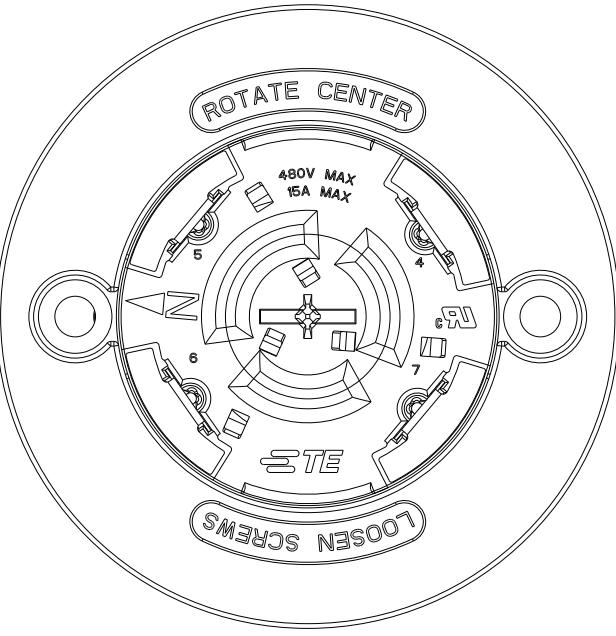
D

C

B

A

2213627-1 THRU 2213627-8

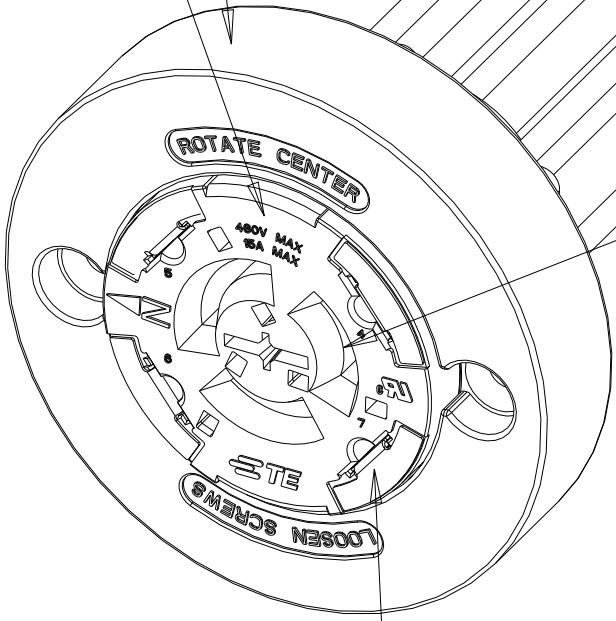


OUTER HOUSING

INNER HOUSING

LINE VOLTAGE CONTACTS (3X)

SIGNAL CONTACTS (4X)



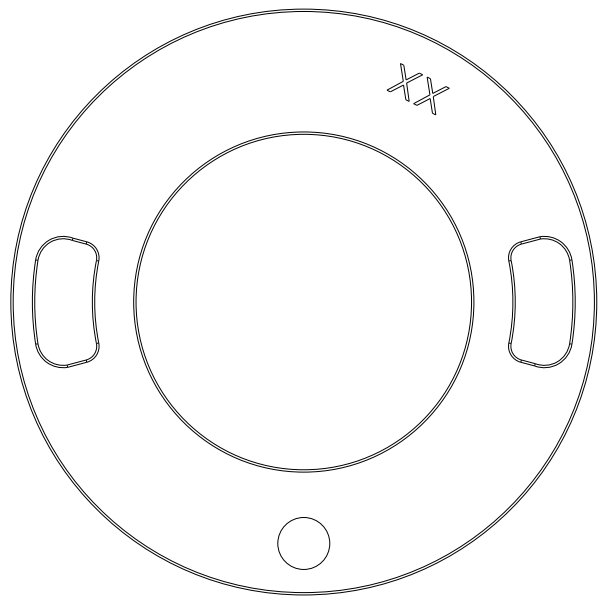
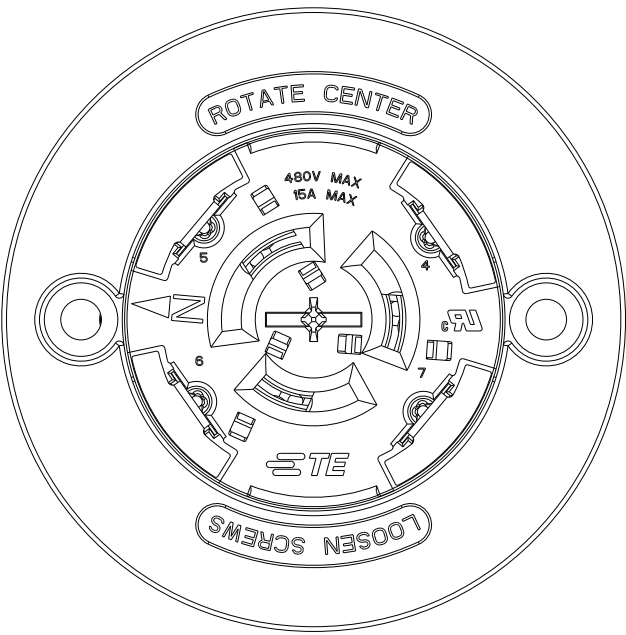
2

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SEE SHEET 3 FOR
WIRING COLOR CODE

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

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

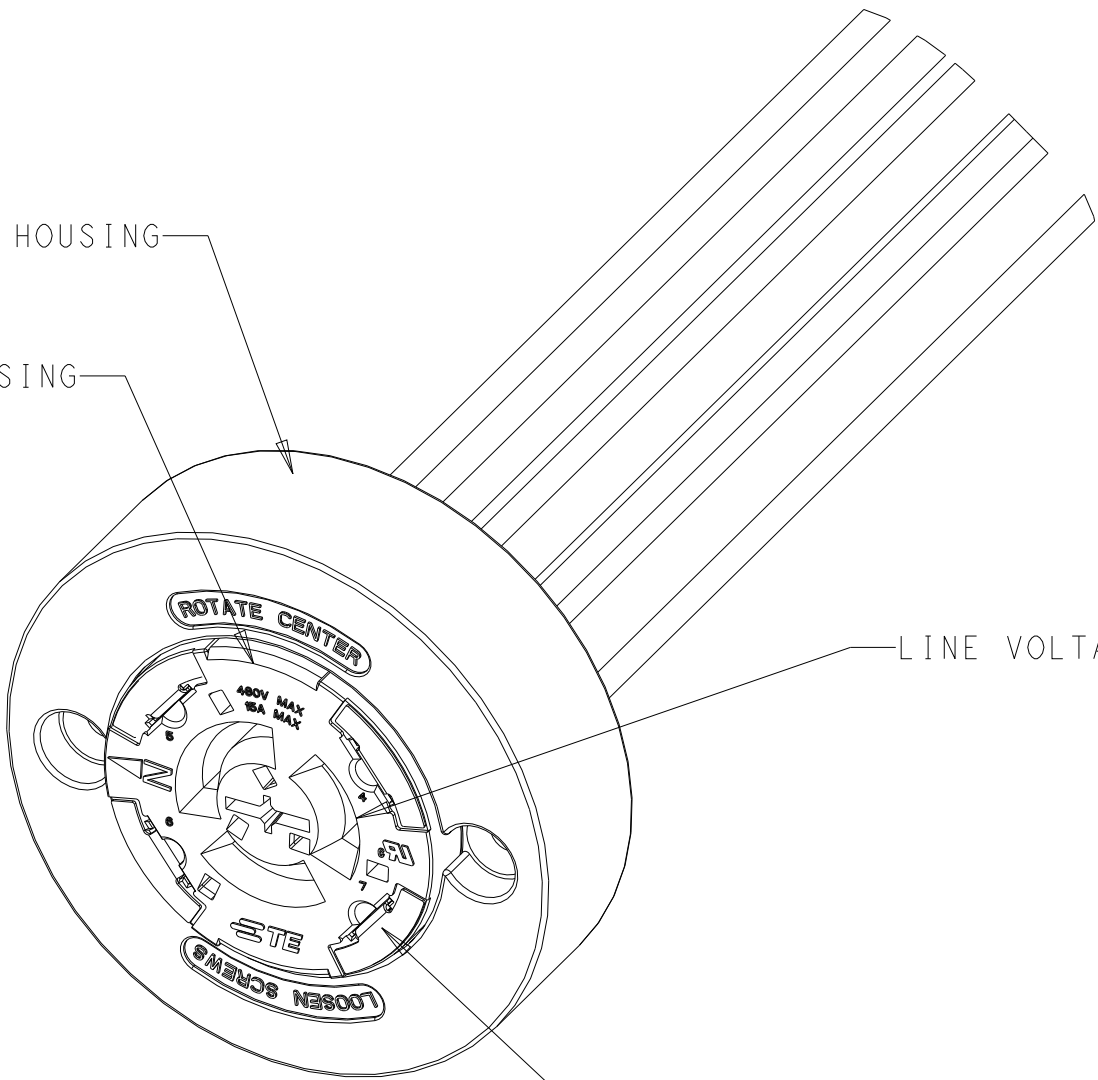


OUTER HOUSING

INNER HOUSING

LINE VOLTAGE CONTACTS (3X)

SIGNAL CONTACTS (4X)



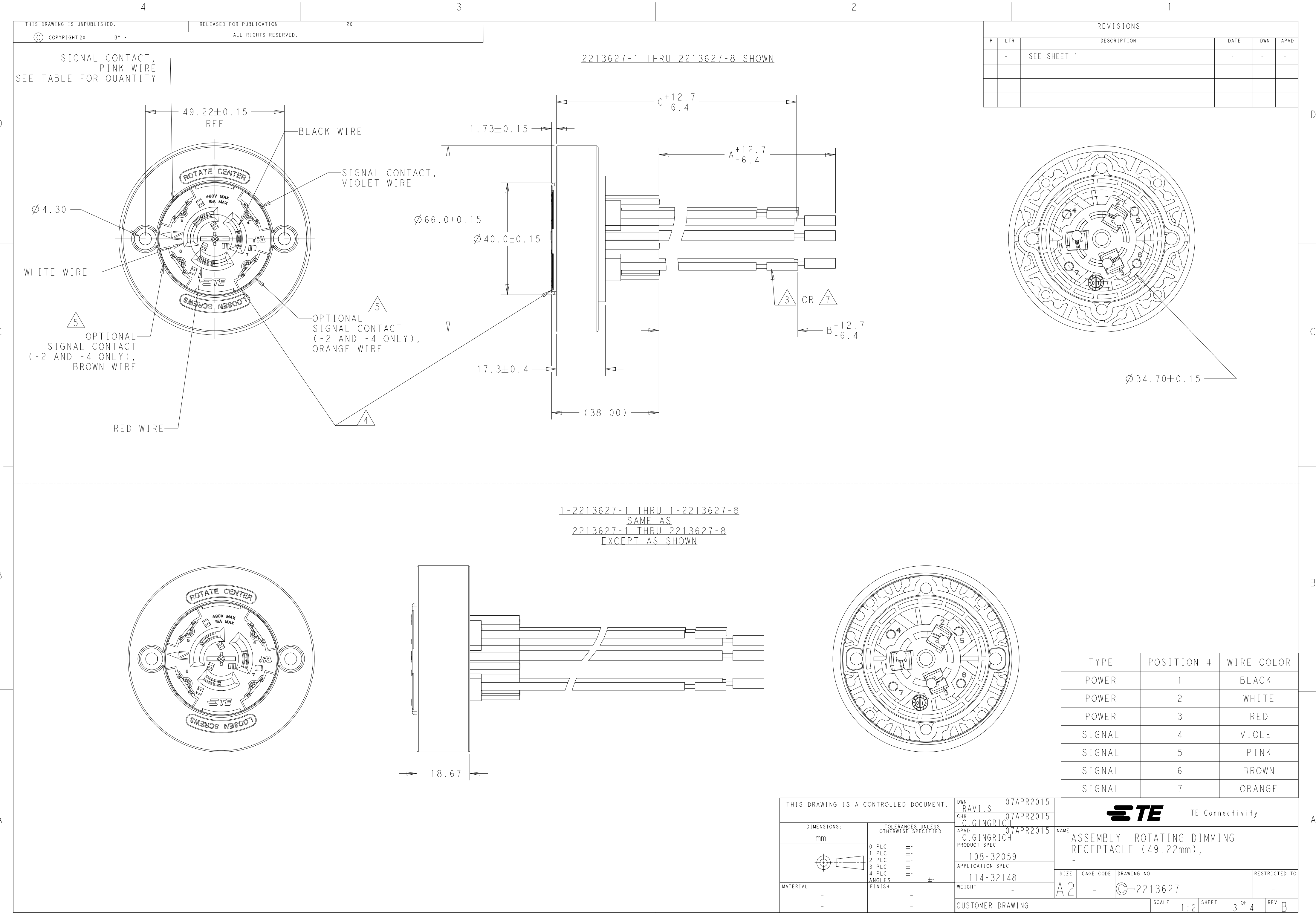
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN RAVL.S 07APR2015	TE Connectivity			
DIMENSIONS:		CHK C.GINGRICH 07APR2015				
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD C.GINGRICH 07APR2015	NAME ASSEMBLY ROTATING DIMMING RECEPTACLE (49.22mm),			
	0 PLC	±	PRODUCT SPEC	SIZE	CAGE CODE	DRAWING NO
	1 PLC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

D

C

B

A



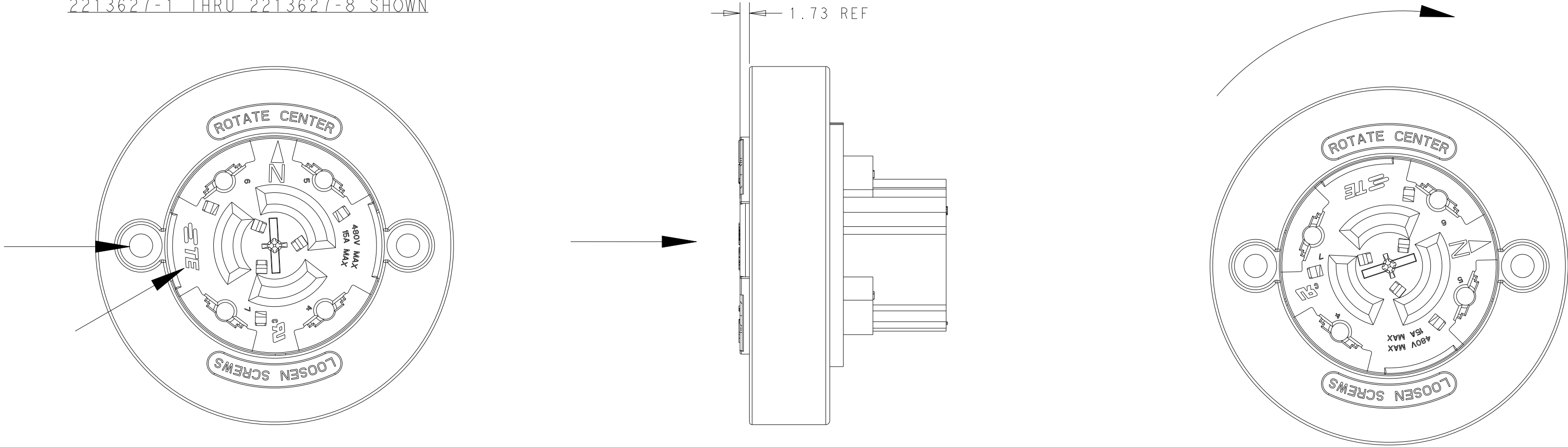
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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

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

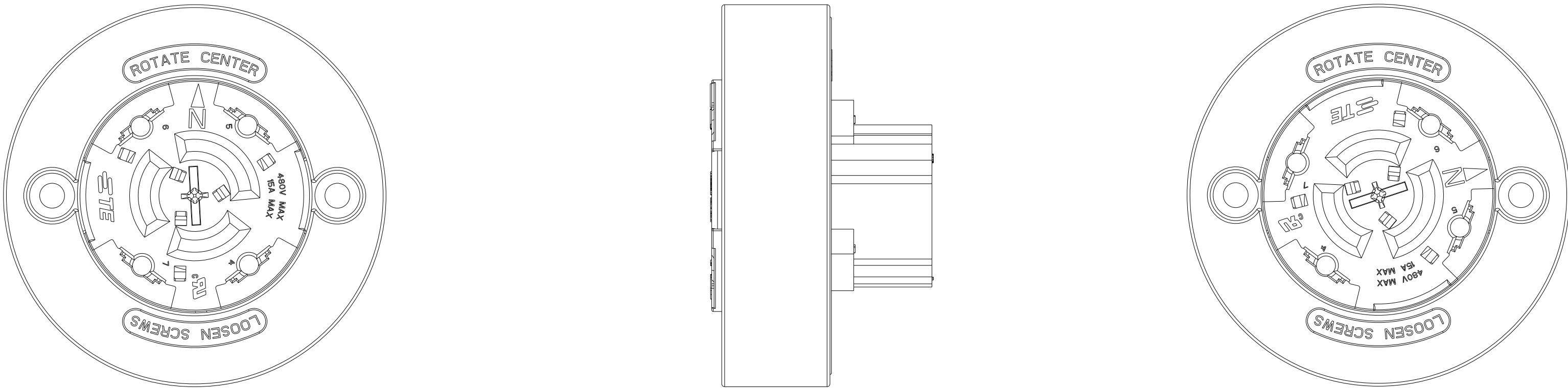


STEP 1: ALIGN THE TE LOGO WITH ONE OF THE SCREW HOLES ON THE LOCK RING.

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



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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	RESTRICTED TO
	1 PLC ±	APPLICATION SPEC	114-32148		CAGE CODE	
	2 PLC ±	WEIGHT	-		DRAWING NO	
	3 PLC ±	CUSTOMER DRAWING		SCALE 1:2		
	4 PLC ±			SHEET 4 OF 4		
	ANGLES ±			REV B		
MATERIAL	FINISH					
-	-					
-	-					

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[TE Connectivity:](#)

[2213627-1](#)