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RELEASED FOR PUBLICATION

2017

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BY -

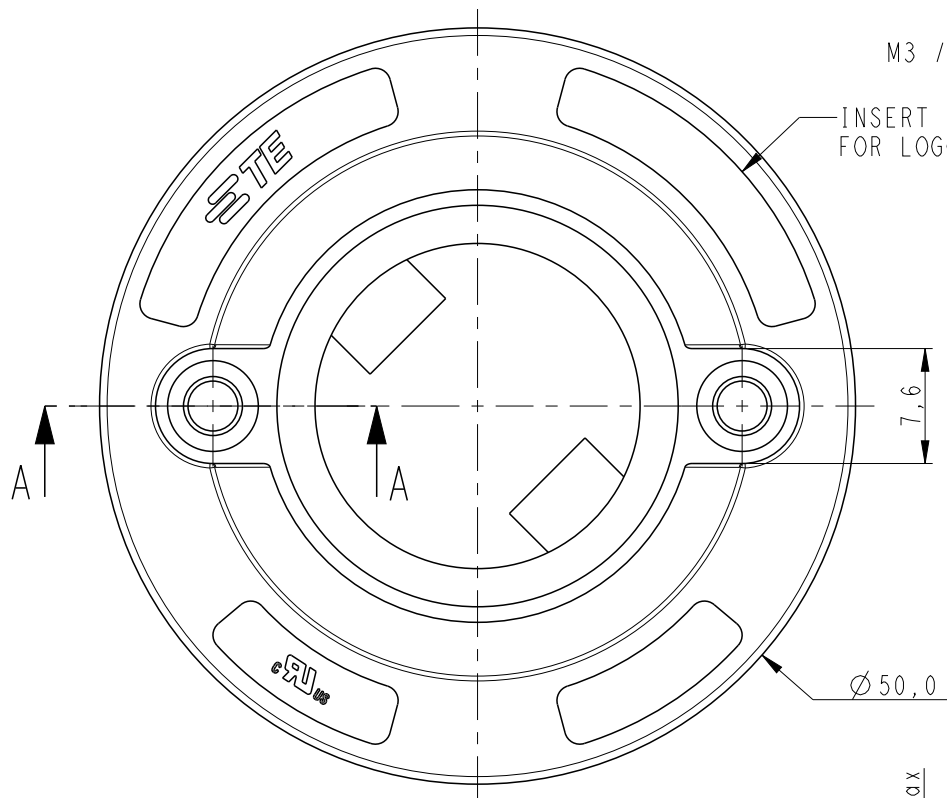
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## REVISIONS

| P | LTR | DESCRIPTION               | DATE      | DWN | APVD |
|---|-----|---------------------------|-----------|-----|------|
|   | C   | REVISED PER ECR-19-014834 | 23SEP2019 | RS  | MG   |

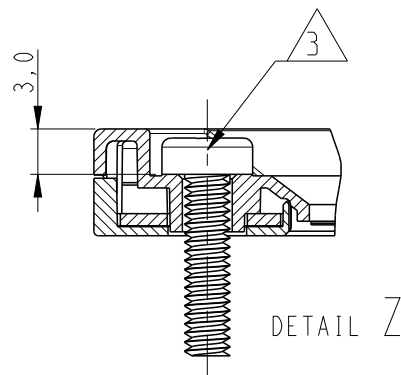
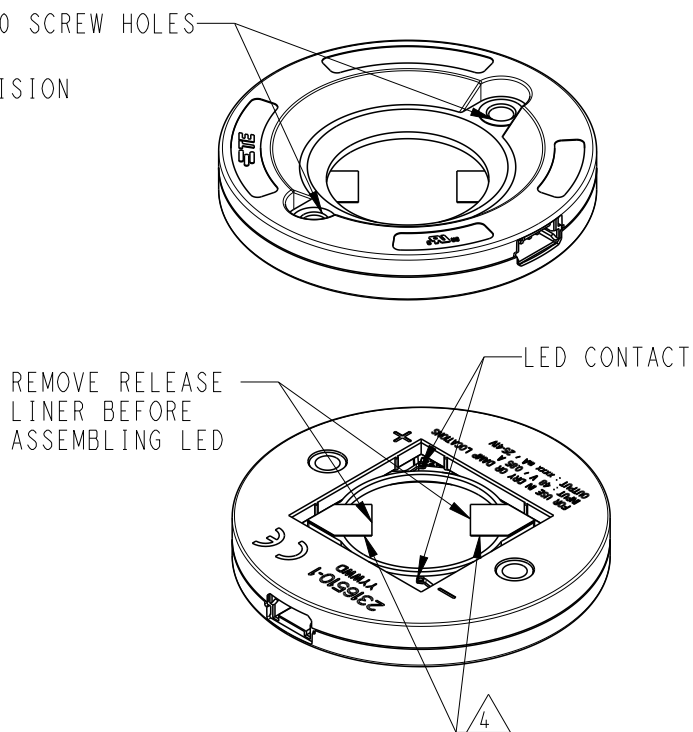
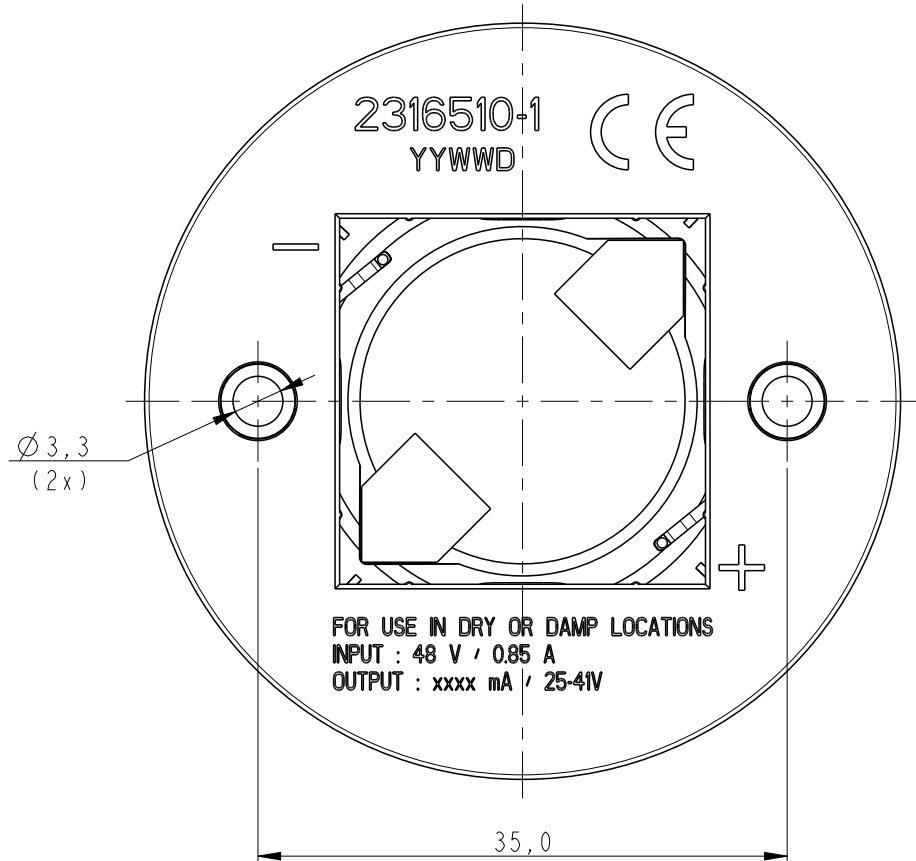
## NOTES:

- MATERIALS:  
HOUSING: GLASS FILLED PBT, HALOGEN FREE FLAME RETARDANT  
COLOR : NATURAL  
CONTACTS: GOLD PLATED COPPER ALLOY
- PRODUCT COMPLIES WITH RESTRICTION ON HAZARDOUS SUBSTANCES  
DIRECTIVE 2011/65/EU
- SCREW TO BE USED - PAN HEAD M3, #4-40, LENGTH 12mm MIN.  
RECOMMENDED SCREW TORQUE: 0.4 - 0.6 Nm
- LED RETENTION ON 2 CORNERS WITH DOUBLE SIDED ADHESIVE TAPE.
- MATING CONNECTOR TE PART NO: 353908-4 OR 6-353908-4
- DIMENSIONS SHOWN ARE IN MATED POSITION WITH LED
- SEE SHEET 3 FOR RECOMMENDED PIN LAYOUT & ADDITIONAL INFORMATION
- ELECTRICAL RATINGS:
  - USE WITH A 48V DC CONSTANT VOLTAGE CLASS 2 POWER SUPPLY,  $\pm 10\%$  TOLERANCE
  - LED FORWARD VOLTAGE HAVE THE FOLLOWING RANGE: 25 - 41VDC
- FOR COB-TO-HOLDER CROSS REFERENCE, REFER TO  
APPLICATION SPECIFICATION 114-32208



## SECTION A - A

DETAIL Z

PRODUCT DATA SHEET 1-1773935-6  
FOR ADDITIONAL INFORMATION

|              |          |                      |            |             |
|--------------|----------|----------------------|------------|-------------|
| 1050         | 16 x 19  | 0-10 V, 1.05A, 16x19 | 9.56       | 3-2316510-4 |
|              | 19 x 19  | 0-10 V, 1.05A, 19x19 | 9.46       | 3-2316510-3 |
|              | 20 x 24  | 0-10 V, 1.05A, 20x24 | 9.41       | 3-2316510-2 |
|              | 24 x 24  | 0-10 V, 1.05A, 24x24 | 9.17       | 3-2316510-1 |
| 700          | 16 x 19  | 0-10 V, 0.7A, 16x19  | 9.56       | 2-2316510-4 |
|              | 19 x 19  | 0-10 V, 0.7A, 19x19  | 9.46       | 2-2316510-3 |
|              | 20 x 24  | 0-10 V, 0.7A, 20x24  | 9.41       | 2-2316510-2 |
|              | 24 x 24  | 0-10 V, 0.7A, 24x24  | 9.17       | 2-2316510-1 |
| 500          | 16 x 19  | 0-10 V, 0.5A, 16x19  | 9.56       | 1-2316510-4 |
|              | 19 x 19  | 0-10 V, 0.5A, 19x19  | 9.46       | 1-2316510-3 |
|              | 20 x 24  | 0-10 V, 0.5A, 20x24  | 9.41       | 1-2316510-2 |
|              | 24 x 24  | 0-10 V, 0.5A, 24x24  | 9.17       | 1-2316510-1 |
| 350          | 16 x 19  | 0-10 V, 0.35A, 16x19 | 9.56       | 2316510-4   |
|              | 19 x 19  | 0-10 V, 0.35A, 19x19 | 9.46       | 2316510-3   |
|              | 20 x 24  | 0-10 V, 0.35A, 20x24 | 9.41       | 2316510-2   |
|              | 24 x 24  | 0-10 V, 0.35A, 24x24 | 9.17       | 2316510-1   |
| CURRENT (mA) | LED TYPE | DESCRIPTION          | WEIGHT (g) | PART NO     |

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DWN 07MAR2017

RAGHAVENDRA.K

CHK 07MAR2017

P.PETER

APVD 07MAR2017

O.LFIJNSE

PRODUCT SPEC

108-133082

APPLICATION SPEC

114-133082

WEIGHT

-

CUSTOMER DRAWING

TE

TE Connectivity

NAME

LUMAWISE DRIVE TYPE Z50  
0-10 V VERSION

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A3

00779

C-2316510

SCALE

5:1

SHEET

1 OF

3

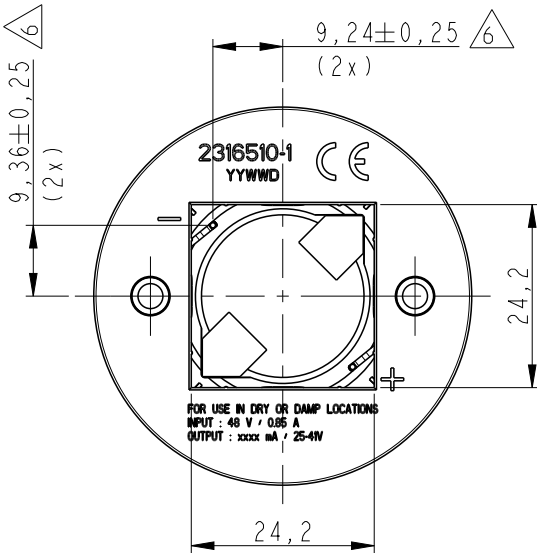
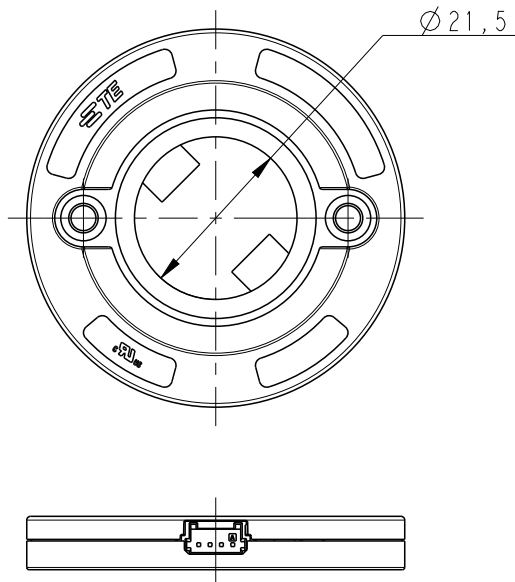
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C

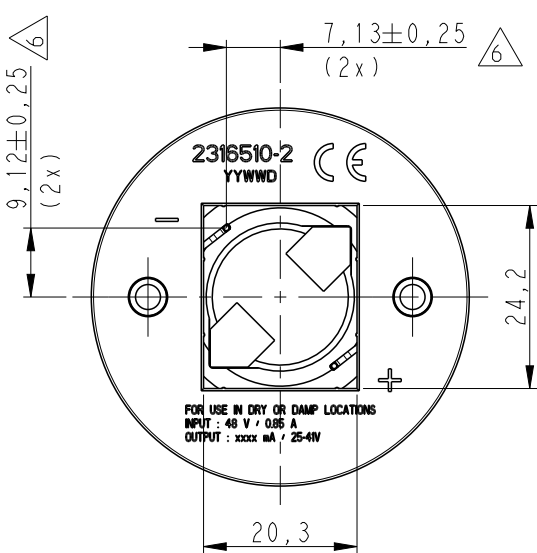
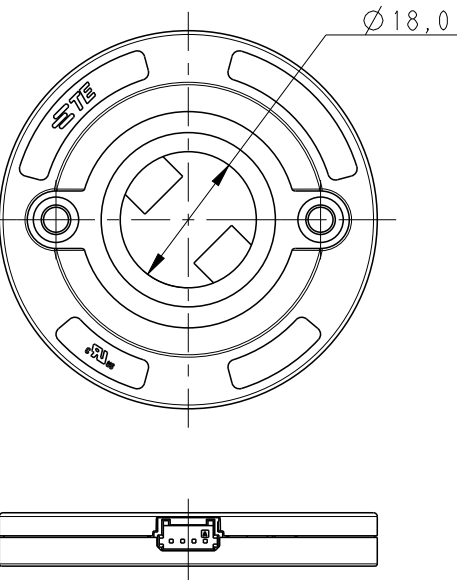
REVISIONS

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|---|-----|-------------|------|-----|------|
|   |     |             |      |     |      |

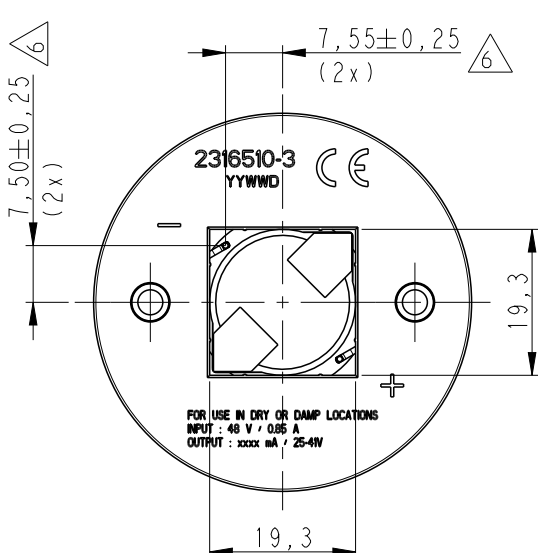
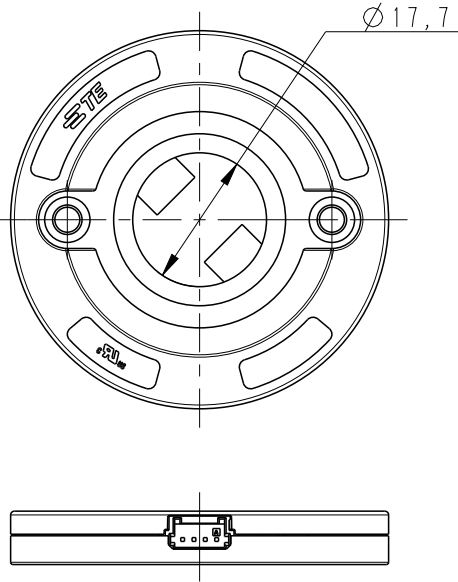
AS SHOWN 2316510-1  
SCALE 1:1



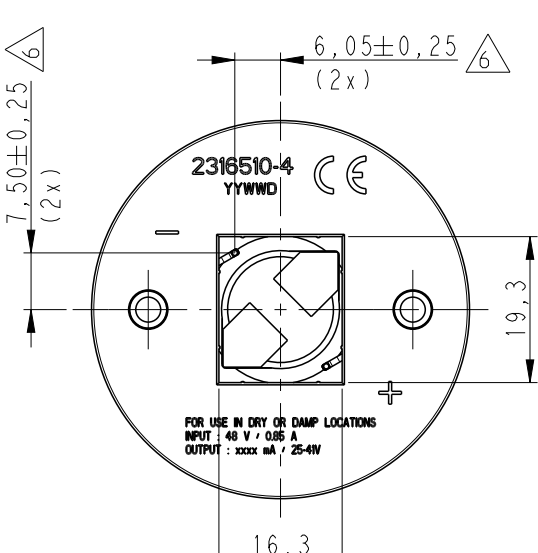
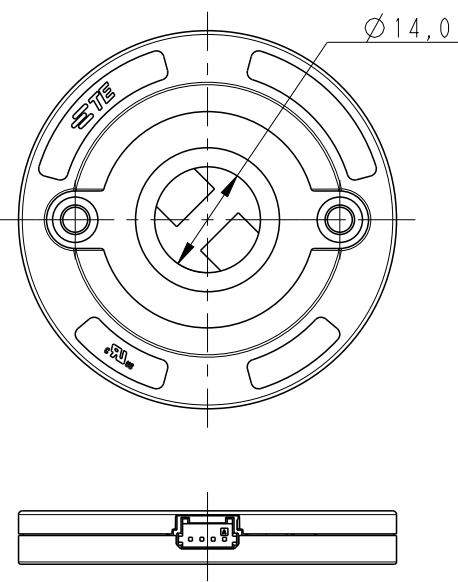
AS SHOWN 2316510-2  
SCALE 1:1



AS SHOWN 2316510-3  
SCALE 1:1

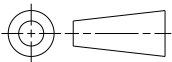


AS SHOWN 2316510-4  
SCALE 1:1



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DIMENSIONS:  
mm



MATERIAL  
SEE NOTES

TOLERANCES UNLESS  
OTHERWISE SPECIFIED:

0 PLC ±  
1 PLC ±0.2  
2 PLC ±0.1  
3 PLC ±  
4 PLC ±  
ANGLES ±  
FINISH -  
-

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PRODUCT SPEC  
108-133082

APPLICATION SPEC  
114-133082

WEIGHT -

CUSTOMER DRAWING



TE Connectivity

NAME  
LUMAWISE DRIVE TYPE Z50  
0-10 V VERSION

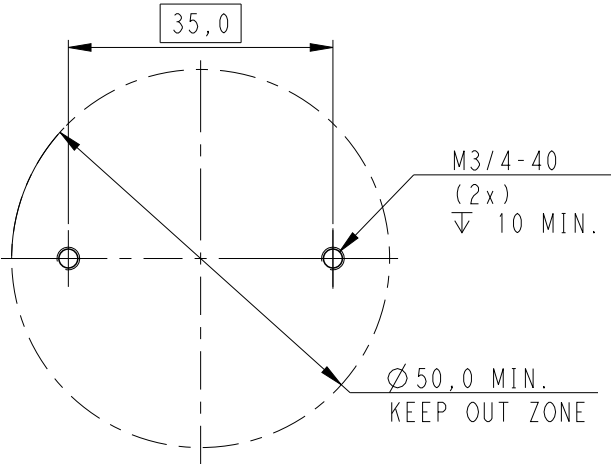
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|------|-----------|------------|---------------|
| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
| A3   | 00779     | C-2316510  | -             |

SCALE 5:1 SHEET 2 OF 3 REV C

REVISIONS

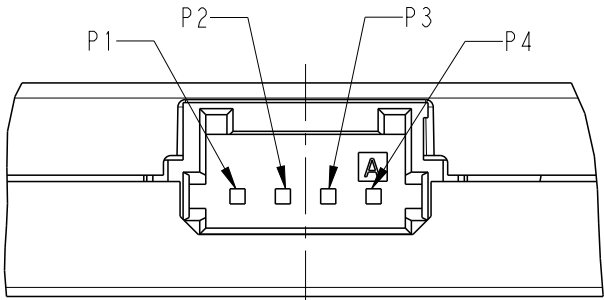
| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|-----|-------------|------|-----|------|
|   |     |             |      |     |      |

RECOMMENDED DRILLING HOLE PATTERN



PIN LAYOUT

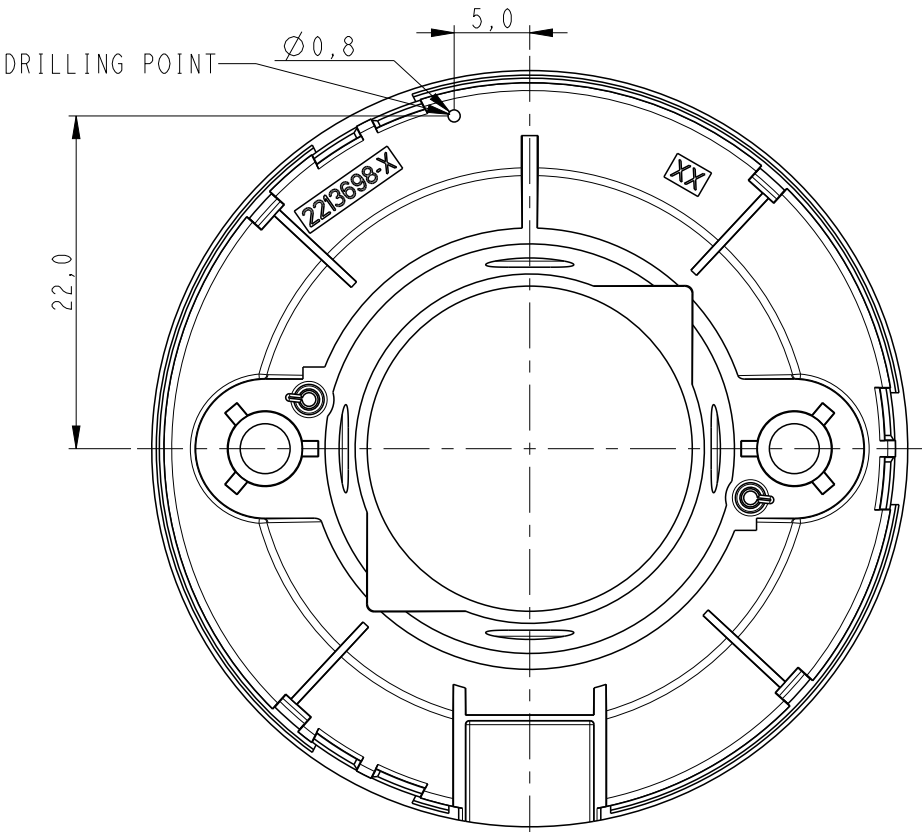
SCALE 4:1



|    |               |
|----|---------------|
| P1 | DIM (+)       |
| P2 | DIM (-)       |
| P3 | 48VIN (+)     |
| P4 | 48VIN (-) GND |

DRILLING LOCATION FOR T<sub>c</sub> TESTING

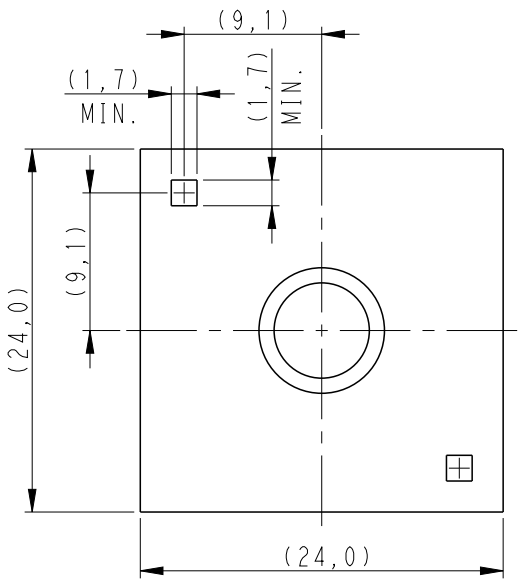
ONLY TOP COVER SHOWN



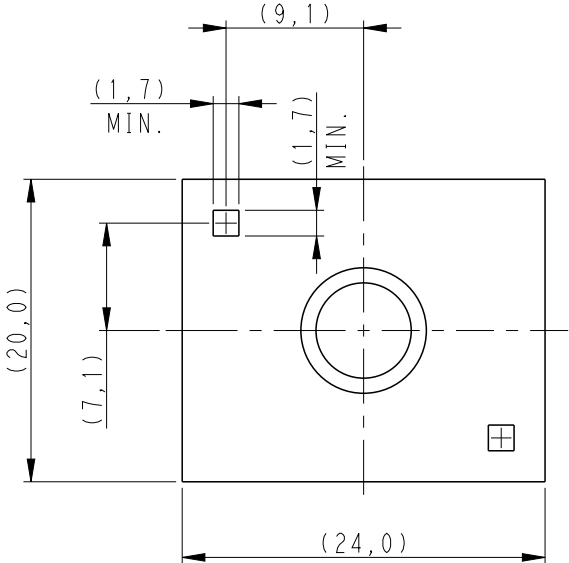
NOMINAL LED INFO:

THE SKETCH BELOW IS SHOWING THE ZHAGA BOOK 12 COB DIMENSIONS TO MATCH WITH THE LUMAWISE DRIVE TYPE Z50 LED HOLDER

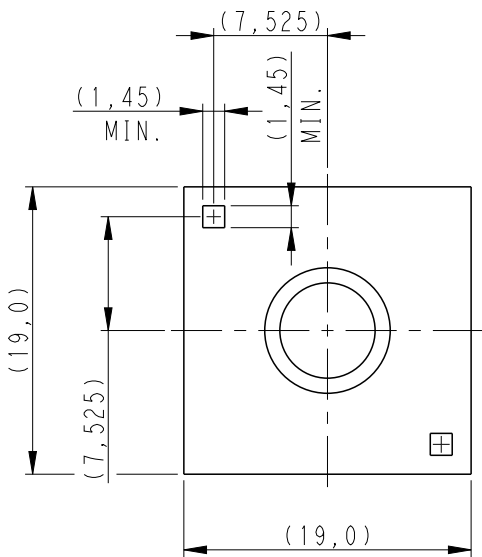
24x24 LAYOUT



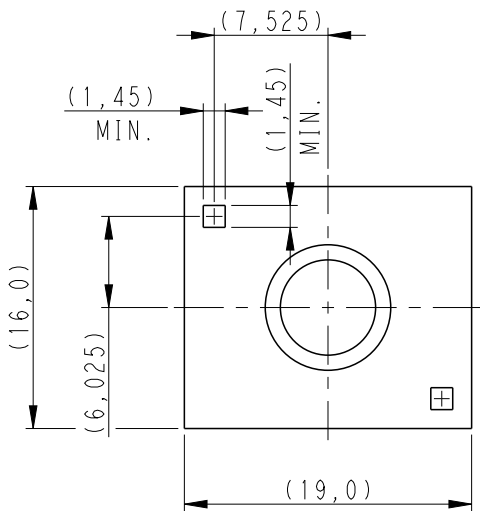
20x24 LAYOUT



19x19 LAYOUT



16x19 LAYOUT



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PRODUCT SPEC

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114-133082

WEIGHT

-

CUSTOMER DRAWING



TE Connectivity

NAME  
LUMAWISE DRIVE TYPE Z50  
0-10 V VERSION

SIZE CAGE CODE DRAWING NO RESTRICTED TO

A3 00779 C-2316510

SCALE 2:1 SHEET 3 OF 3 REV C

# Mouser Electronics

Authorized Distributor

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[3-2316510-1](#)