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RELEASED FOR PUBLICATION

2017

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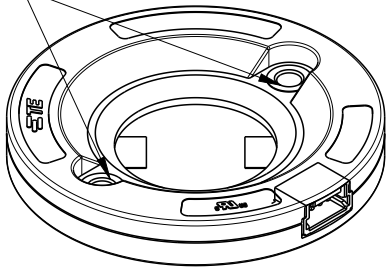
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	4	MODIFIED RELEASED LED INFORMATION	16AUG2017	RK	SM

NOTES:

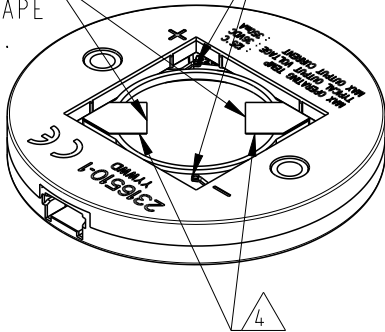
- MATERIALS:
HOUSING: GLASS FILLED PBT, HALOGEN FREE FLAME RETARDANT
COLOR : NATURAL
CONTACTS: GOLD PLATED COPPER ALLOY
- COMPLIES WITH DIRECTIVE 2002/95/EC (ROHS)
- SCREW TO BE USED - PAN HEAD M3, #4-40, LENGTH 12mm MAX.
RECOMMENDED SCREW TORQUE: 0.4 - 0.6 Nm
- LED RETENTION ON 2 CORNERS WITH DOUBLE 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, ±10% TOLERANCE
 - LED FORWARD VOLTAGE HAVE THE FOLLOWING RANGE: 21 - 41VDC

M3 SCREW HOLES

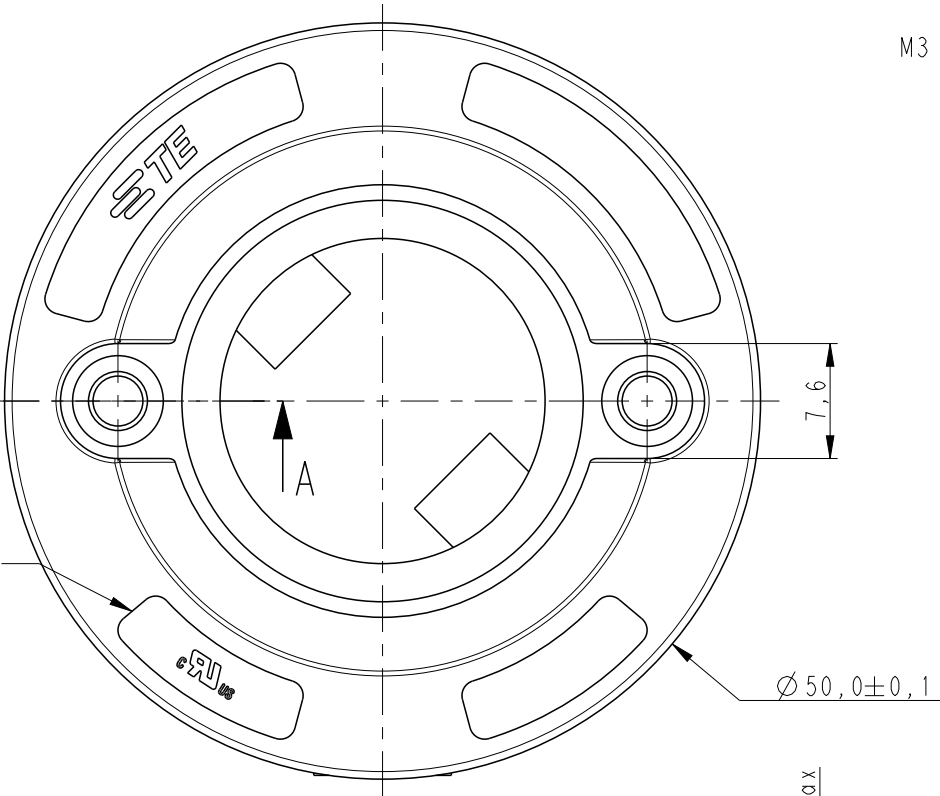


BEFORE PLACING LED, REMOVE TAPE RELEASE LINER.

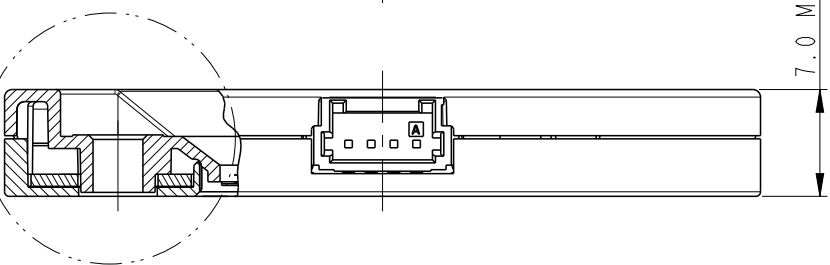
LED CONTACT



INSERT PROVISION FOR LOGO'S



SECTION A-A

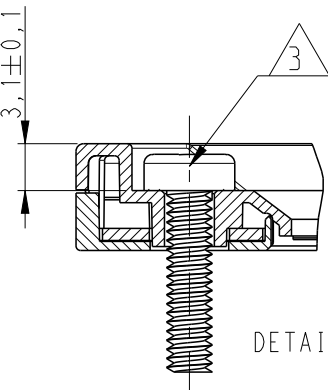


DETAIL Z

PRELIMINARY PART
NOT RELEASED FOR PRODUCTION

CONTACT ENGINEERING FOR LAST
REVISION BEFORE USING THIS DRAWING

Engineer: P.PETER



DETAIL Z

Ø21,5±0,1

Ø3,3±0,1
Ø0,1 B
(2x)

2316510-1
YYWWD

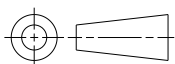
MAX OPERATING TEMP : 125°C
TYPICAL OUTPUT VOLTAGE : 36VDC
MAX OUTPUT CURRENT : 350mA

35,0

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

mm



MATERIAL
SEE NOTES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±-
1 PLC ±0.1
2 PLC ±0.05
3 PLC ±-
4 PLC ±-
ANGLES ±-
FINISH -
-

DWN 07MAR2017

RAGHAVENDRA.K

CHK 07MAR2017

P.PETER

APVD 07MAR2017

O.L.FUNSE

PRODUCT SPEC

108-133086

APPLICATION SPEC

114-133086

WEIGHT

-

CUSTOMER DRAWING

DWN

07MAR2017

CHK

07MAR2017

APVD

07MAR2017

NAME

LUMAWISE DRIVE TYPE Z50
0-10 V VERSION

SIZE

A3

CAGE CODE

00779

DRAWING NO

C-2316510

RESTRICTED TO

-

SCALE

2:1

SHEET

1

OF

4

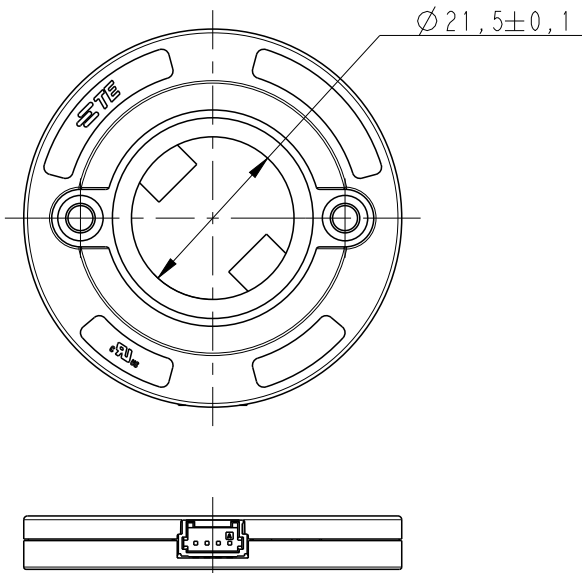
REV

4

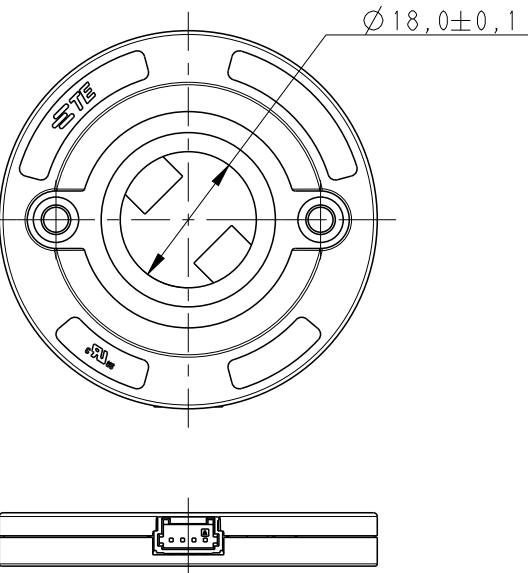
REVISIONS

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

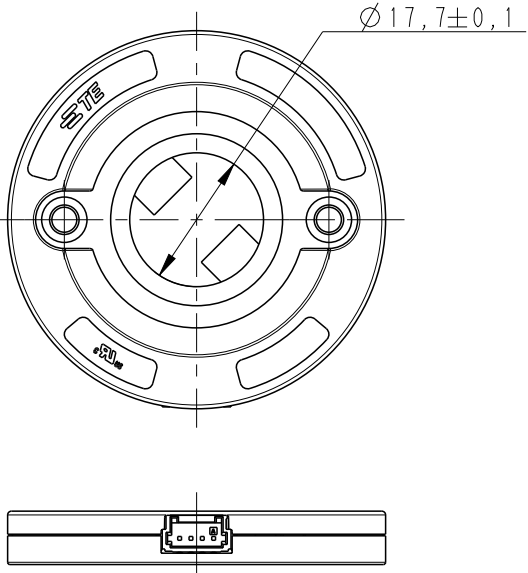
AS SHOWN 2316510-1
SCALE 1:1



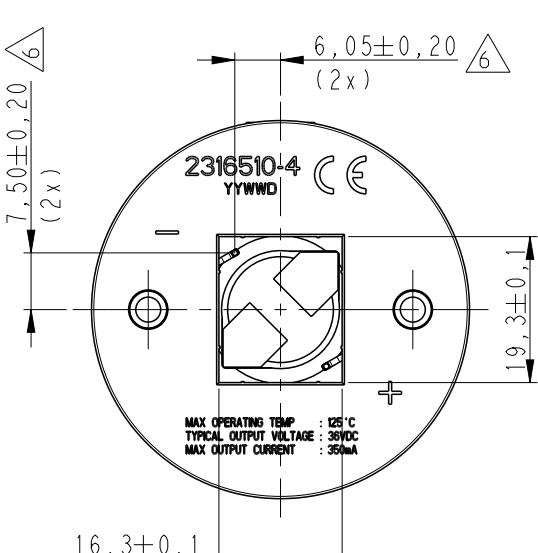
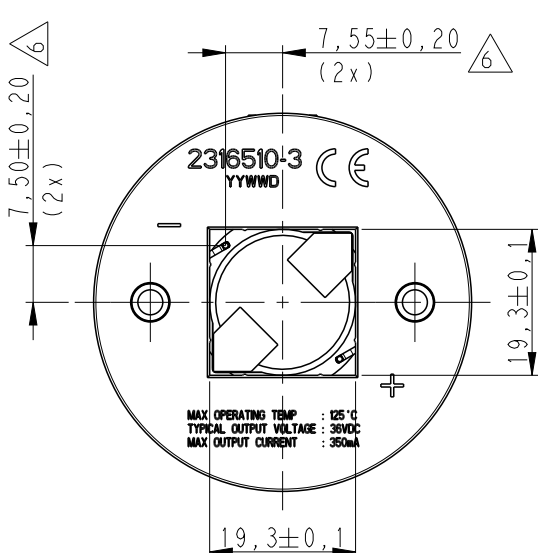
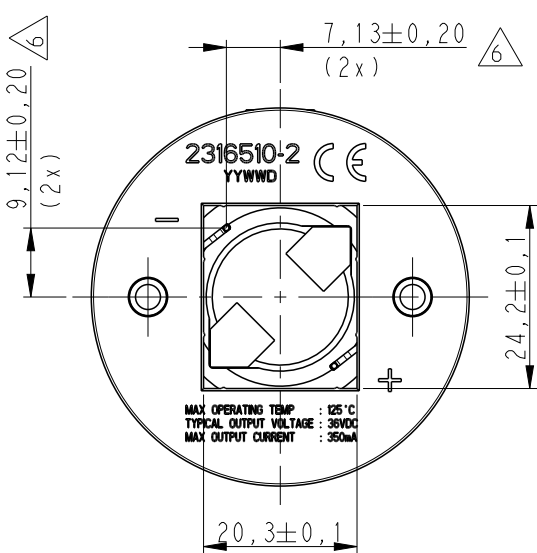
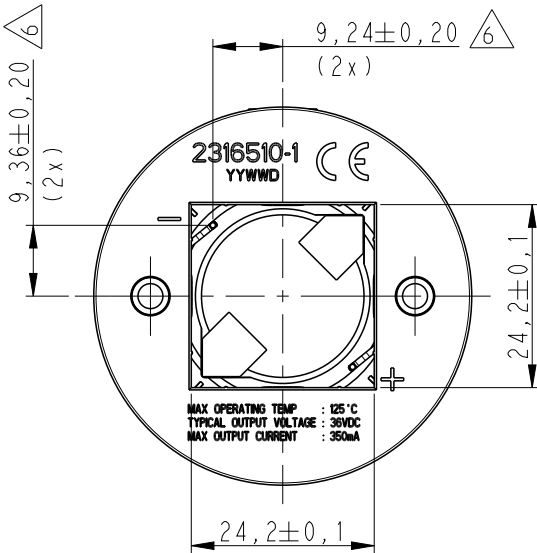
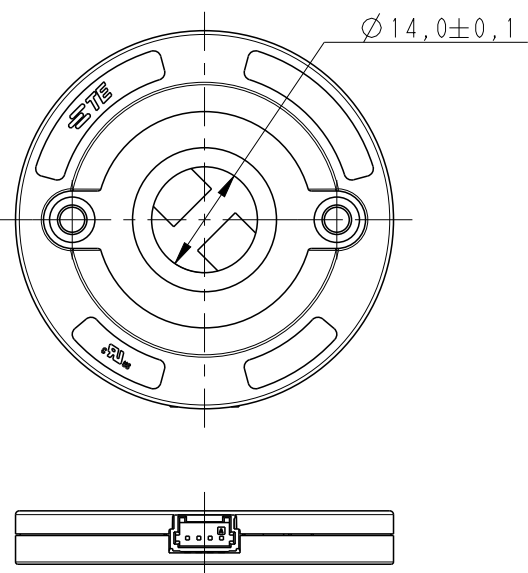
AS SHOWN 2316510-2
SCALE 1:1



AS SHOWN 2316510-3
SCALE 1:1



AS SHOWN 2316510-4
SCALE 1:1



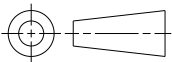
**PRELIMINARY PART
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**CONTACT ENGINEERING FOR LAST
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Engineer: P.PETER

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DIMENSIONS:
mm



MATERIAL
SEE NOTES

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC ±
1 PLC ±0.1
2 PLC ±0.05
3 PLC ±
4 PLC ±
ANGLES ±
FINISH -
-

DWN 07MAR2017
RAGHAVENDRA.K

CHK 07MAR2017
P.PETER

APVD 07MAR2017
O.LFIJNSE

PRODUCT SPEC
108-133086

APPLICATION SPEC
114-133086

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	SHEET	OF	REV
3:2	2	4	4

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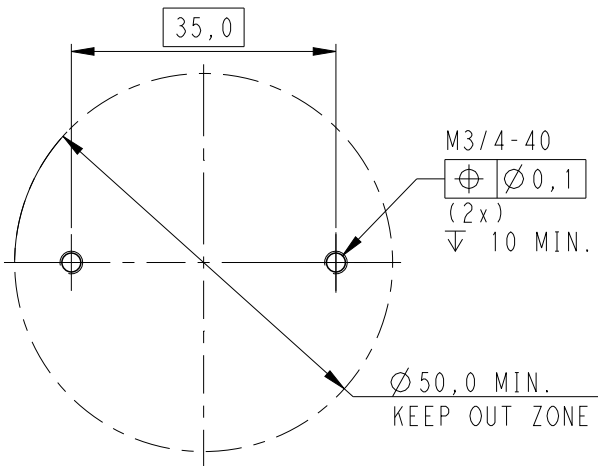
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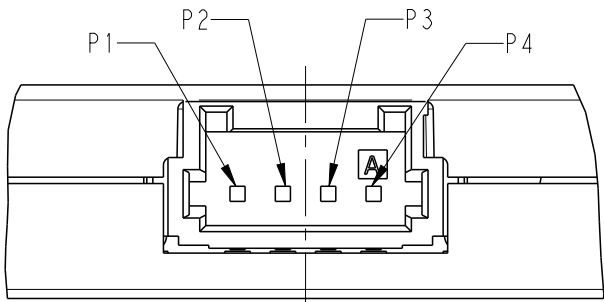
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

RECOMMENDED DRILLING HOLE PATTERN



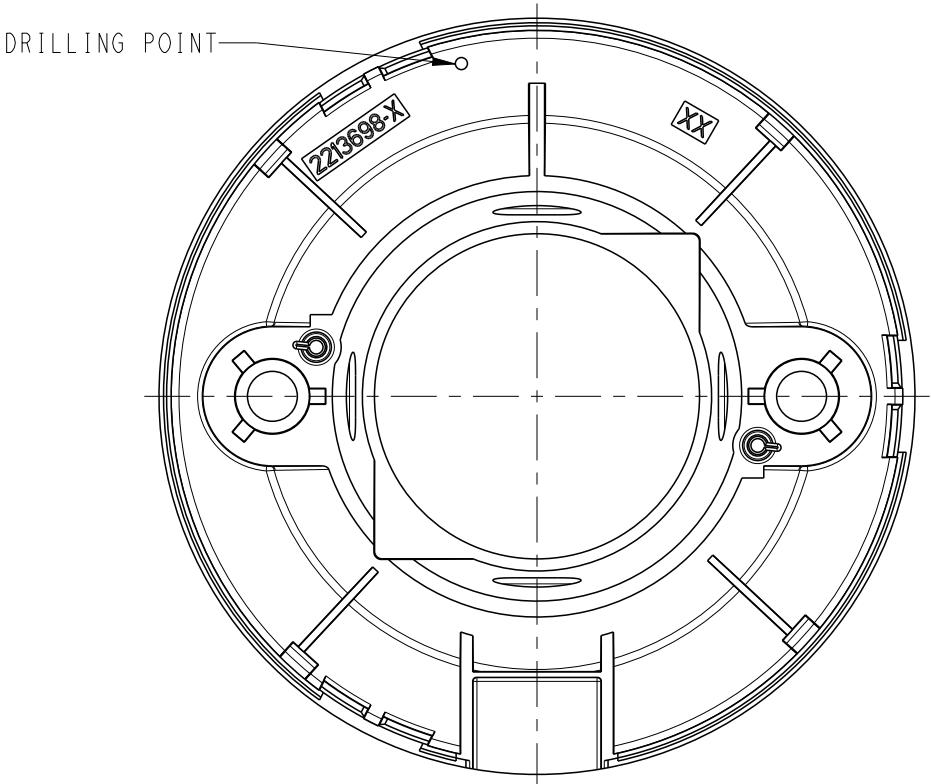
PIN LAYOUT

SCALE 4:1



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

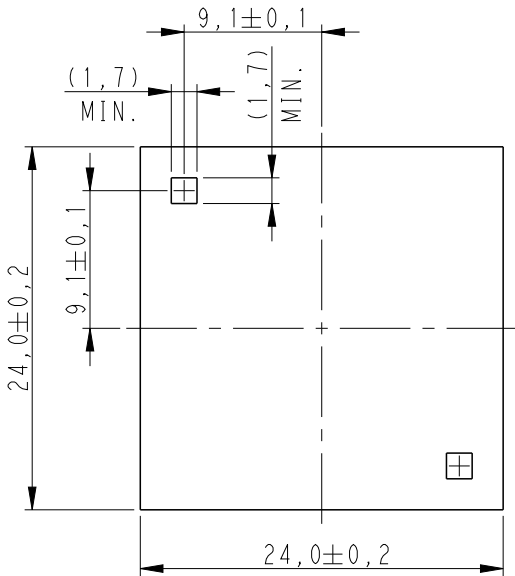
DRILLING LOCATION FOR T_c TESTING
ONLY TOP COVER SHOWN



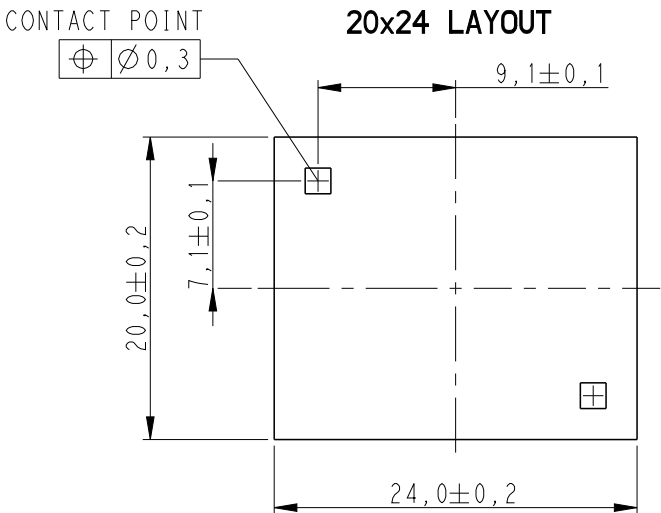
NOMINAL LED INFO:

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

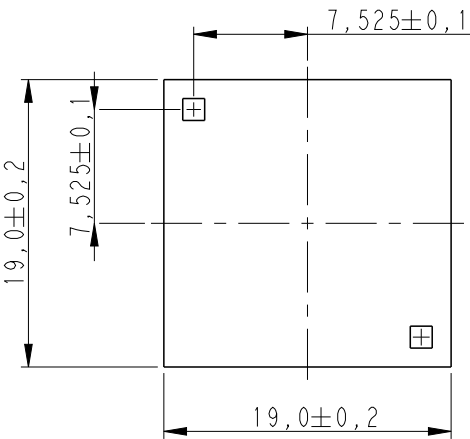
24x24 LAYOUT



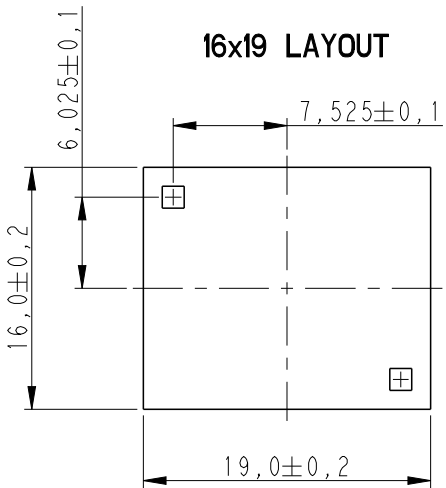
20x24 LAYOUT



19x19 LAYOUT



16x19 LAYOUT



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DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:
mm	
	0 PLC ±-
	1 PLC ±0.1
	2 PLC ±0.05
	3 PLC ±-
	4 PLC ±-
	ANGLES ±-
MATERIAL	FINISH
SEE NOTES	-
	-

DWN	07MAR2017
CHK	RAGHAVENDRA.K
APVD	07MAR2017
PRODUCT SPEC	P.PETER
APPLICATION SPEC	O.LFIJNSE
WEIGHT	108-133086
	114-133086
CUSTOMER DRAWING	-



TE Connectivity

NAME
LUMAWISE DRIVE TYPE Z50
0-10 V VERSION

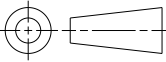
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-2316510	-
SCALE	2:1	SHEET	3 OF 4
		REV	4

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

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Engineer: P.PETER

L2C5-xxxx1202E0900; L2C5-xxxx1203E0900 1202s; 120206xCx; 1202CRSP; 1203CRSP	LUMILEDS	16x19
NVCWL024Z; NFCWL060B-V1; NFCLL060B-V1; NFCWL036B-V1M3	NICHIA	
LC040C	SAMSUNG	
BXRH-40E8000-J-23; BXRE-xxxxxxx-x-7x	BRIDGELUX	19x19
PB16H; PB16U; PB19H; PB19U; PB26U;PB26H	LEXTAR	
CLU038-1208C4; CLU721-1206C4; CLU710-1204C1; CLU711-1204C1; CLU034-1205C4; CLU036-1205C1; CLU032-1205A5-303M1A2; CLU720-1206C1; CLL030-1212A1-50KL1A1	CITIZEN	
2PHE20CW27P34001/2PHE30CW27P34001 2PHE20CW38P34001/2PHE30CW38P34002 HM CRI80 Series; HM CRI90 Series SL Series	EDISON OPTO	
EA1919 36V/26W Series	EVERLIGHT	
CHM-11/CXM11; CXM14/CHM14; CLM-14 Gen 3; CXM-11-XH00	LUMINUS	
Soleriq 13 Gen 2 Soleriq 15	OSRAM	
DMS124***G; DMC124/125***F; DMS125/126/128***G; DMC128***F; DMS099***F	PANASONIC	
SDW02F1C; SDWx3F1C	SEOUL	
SLE-G5-LES15 SLE-G5-LES17	TRIDONIC	
LC016/19/26D; LC019D; LC026D	SAMSUNG	20x24
LHC1-3070-1205; L2C5-xxxx-1204 LCHC1-xxxx1204; 1204CRSP; 1205CRSP; 1208CRSP; 1204; 1205; 1208	LUMILEDS	
EAHP2024	EVERLIGHT	
GW6TGBJC50C; GW5DGC**M04	SHARP	24x24
BXRE-xxxxxxx-x-7x	BRIDGELUX	
Soleriq S19 GW KAHLB2.CM	OSRAM	
LED DESCRIPTION	MANUFACTURE NAME	LED TYPE
LEDs COMPATIBILITY		

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DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	CHK 07MAR2017 P.PETER				
		APVD 07MAR2017 O.LFIJNSE				
		PRODUCT SPEC 108-133086				
	0 PLC ±- 1 PLC ±0.1 2 PLC ±0.05 3 PLC ±- 4 PLC ±- ANGLES ±- FINISH	APPLICATION SPEC 114-133086	NAME LUMAWISE DRIVE TYPE Z50 0-10 V VERSION			
		WEIGHT -	SIZE A3	CAGE CODE 00779	DRAWING NO C-2316510	RESTRICTED TO -
MATERIAL SEE NOTES	- -	CUSTOMER DRAWING	SCALE 2:1	SHEET 4	OF 4	REV 4