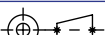


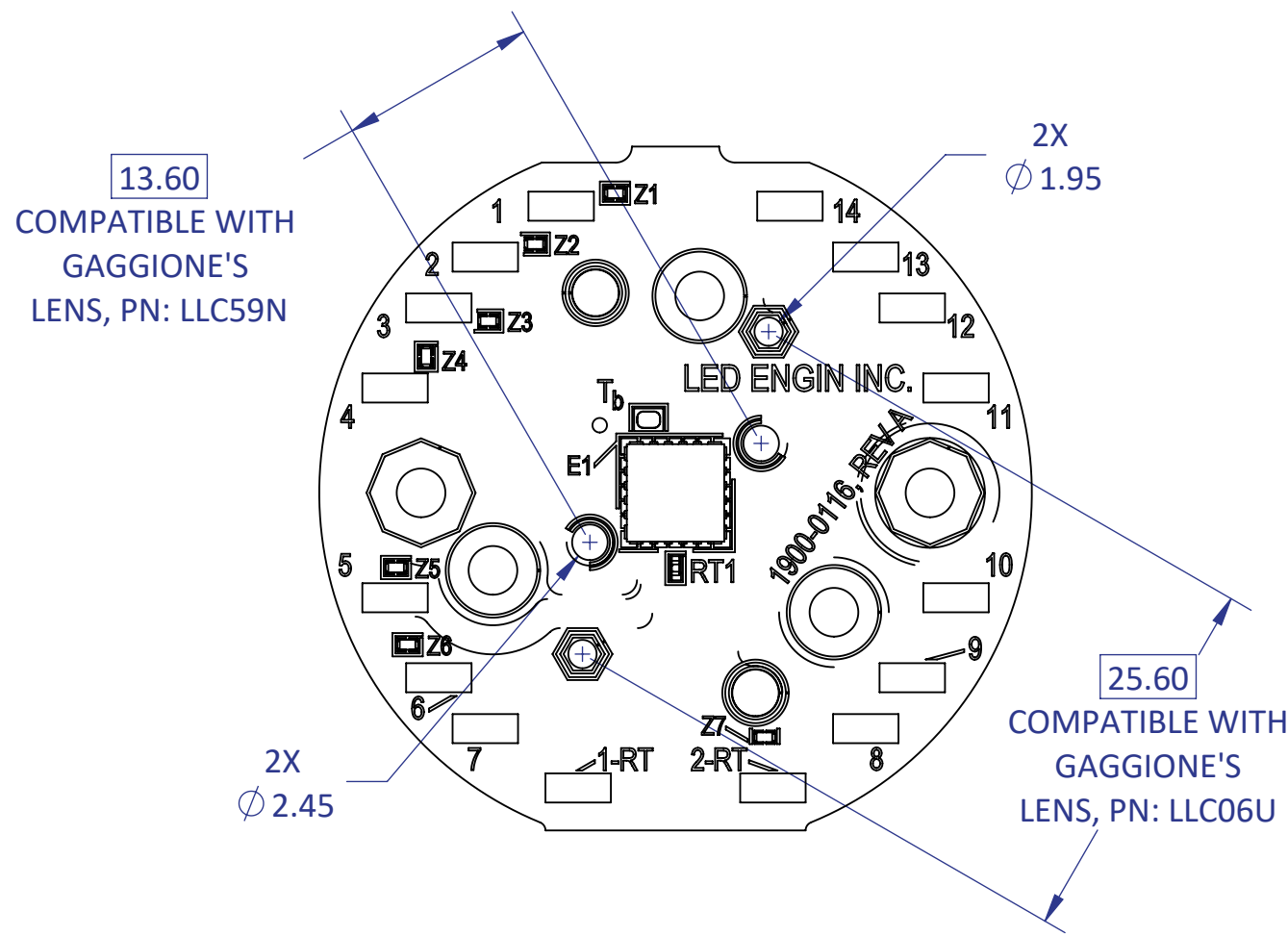
APPLICABLE PN: LZ7-A4M2PD

MCPCB Pin Out			
Ch.	MCPCB Pad	Function	Die
1	1	Anode	Red
	14	Cathode	
2	2	Anode	Blue
	13	Cathode	
3	3	Anode	Green
	12	Cathode	
4	4	Anode	PCL
	11	Cathode	
5	5	Anode	PCL
	10	Cathode	
6	6	Anode	PCA
	9	Cathode	
7	7	Cathode	Cyan
	8	Anode	
T	1-RT	10kOhm	N/A
	2-RT		

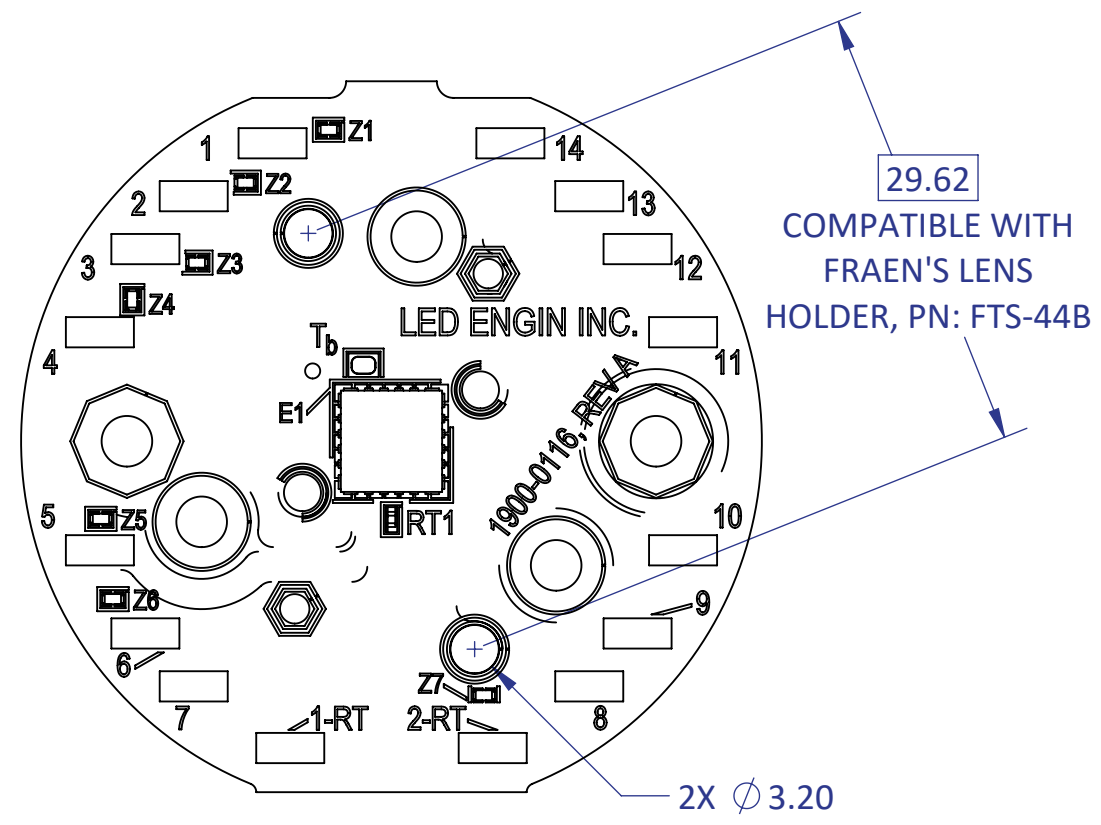
ITEM NO.	PartNo	DESCRIPTION	QTY.
1	1900-0116-RBN	MCPCB (50mm), LZ7+, 7-CHANNEL	1
2	LZ7-04M2PD	LZ7 Plus Flat Glass Emitter	1
3	MURATA PN: NCP15XH103F03RC	THERMISTOR 10K OHM NTC 0402 SMD	1
4	Diodes PN: DESD5V0S1BLD-7B	5V Bi-Direction TVS Diode (Case: X2-DFN1006-2)	7

<div></div> <div>Third Angle Projection</div> <div>DIMENSIONS ARE IN MILLIMETERS</div> <div>TOLERANCES:</div> <div><div>.X ± 0.5</div><div>.XX ± 0.25</div><div>.XXX ± 0.10</div><div>Angle ± 1°</div></div>		NAME	DATE	<div>LED Engin, Inc.</div> <div>TITLE: LZ7 Plus (R, B, G, PCA, Cyan, 2x PCL) Emitter with Flat Glass Lens, on ø50mm MCPCB</div>		
	DRAWN	DAA	01/16/19			
	CHECKED			<div>SIZE</div> <div>B</div> <div>DWG. NO.</div> <div>LZ7-A4M2PD-P3</div> <div>REV</div> <div>A</div>		
	ENG APPR.					
	MFG APPR.					
	Q.A.					
MATERIAL:	N/A			<div>PROPRIETARY AND CONFIDENTIAL</div> <div>THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF LED ENGIN, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF LED ENGIN, INC. IS PROHIBITED.</div>		
FINISH:	N/A					
FILE NAME: LZ7-A4M2PD-P3(customer)_RevA1				SCALE: 2:1		SHEET 1 OF 2


MOUNTING HOLES COMPATIBLE WITH  
GAGGIONE'S LENSES



MOUNTING HOLES COMPATIBLE WITH  
FRAEN'S LENS HOLDER



- NOTES:
1. TOLERANCE BLOCK DOES NOT APPLY.
  2. UNLESS OTHERWISE NOTED, ALL DIMENSIONS ARE TYPICAL VALUES.

 Third Angle Projection DIMENSIONS ARE IN MILLIMETERS TOLERANCES: .X ± 0.5 .XX ± 0.25 .XXX ± 0.10 Angle ± 1° MATERIAL: N/A FINISH: N/A FILE NAME: LZ7-A4M2PD-P3(customer)_RevA1	NAME		DATE	<b>LED Engin, Inc.</b> TITLE: <b>LZ7 Plus (R, B, G, PCA, Cyan, 2x PCL) Emitter with Flat Glass Lens, on ø50mm MCPCB</b> (Fit with Gaggione and Fraen Lenses)		
	DRAWN	DAA	01/16/19			
	CHECKED					
	ENG APPR.					
	MFG APPR.					
PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF LED ENGIN, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF LED ENGIN, INC. IS PROHIBITED.				SIZE	DWG. NO.	REV
				<b>B</b>	<b>LZ7-A4M2PD-P3</b>	<b>A</b>
				SCALE: 2:1		SHEET 2 OF 2