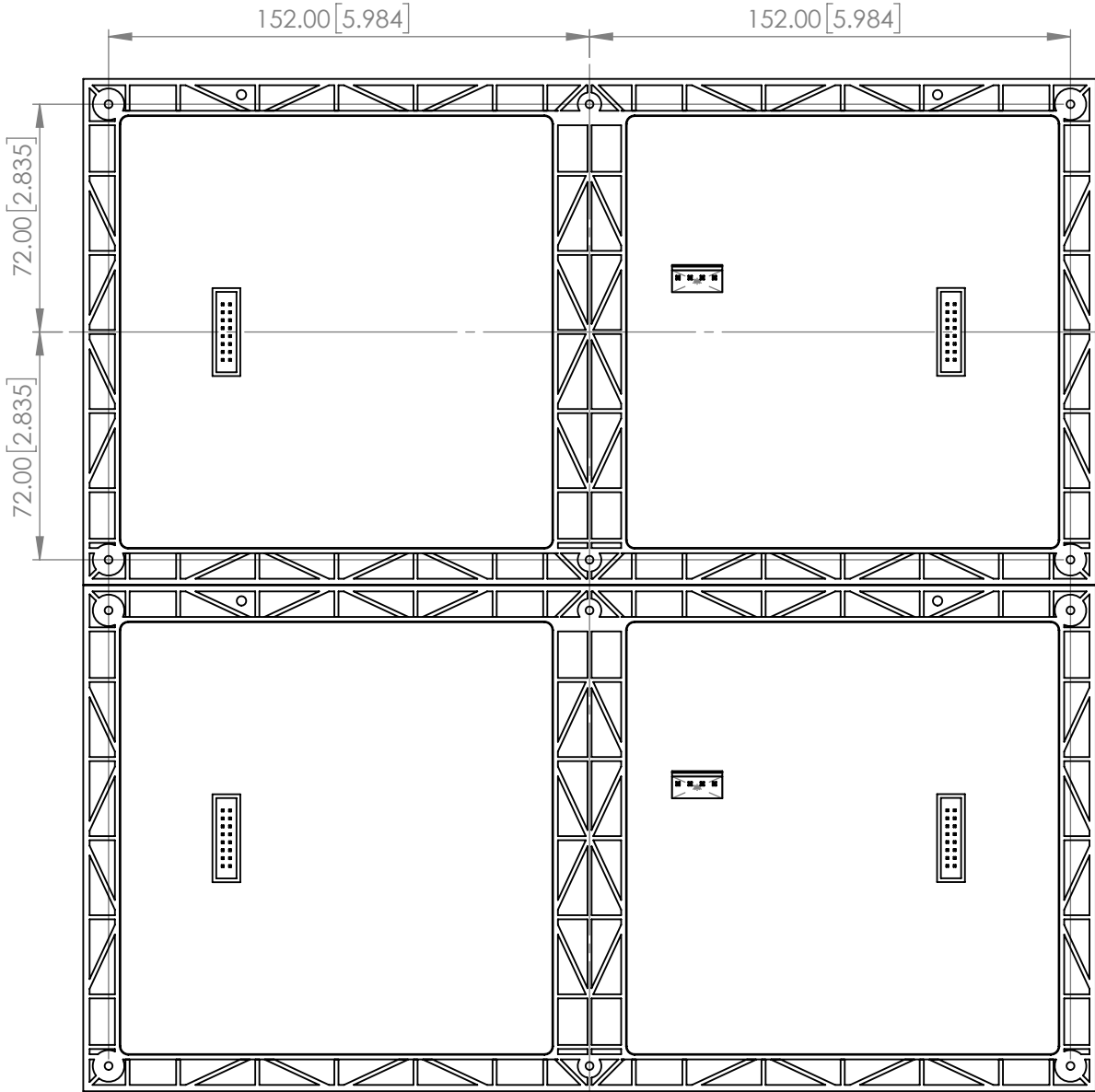
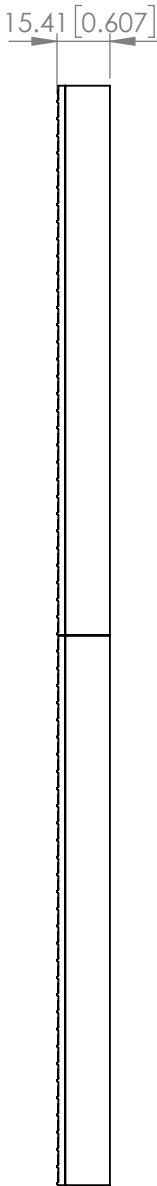
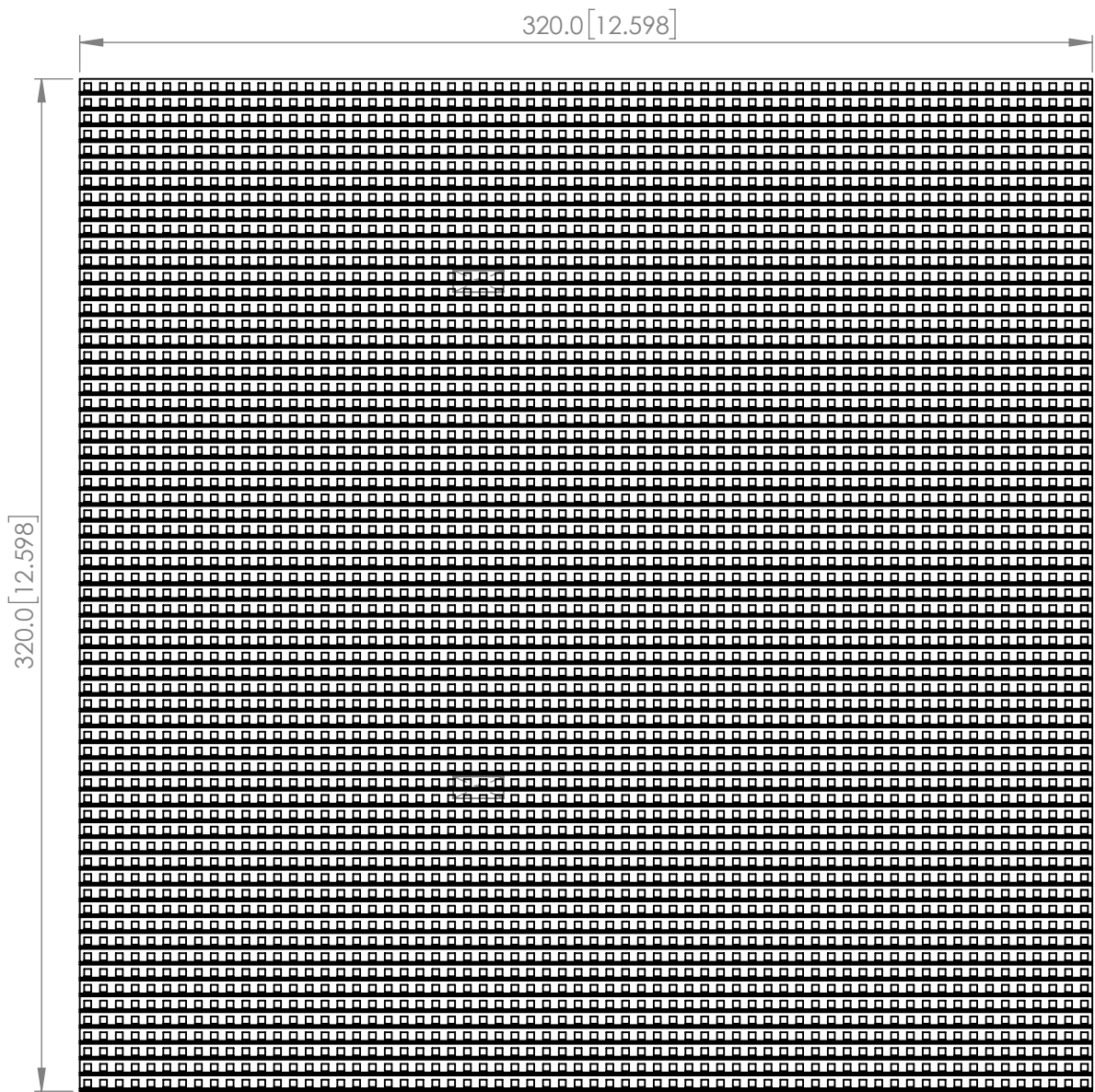
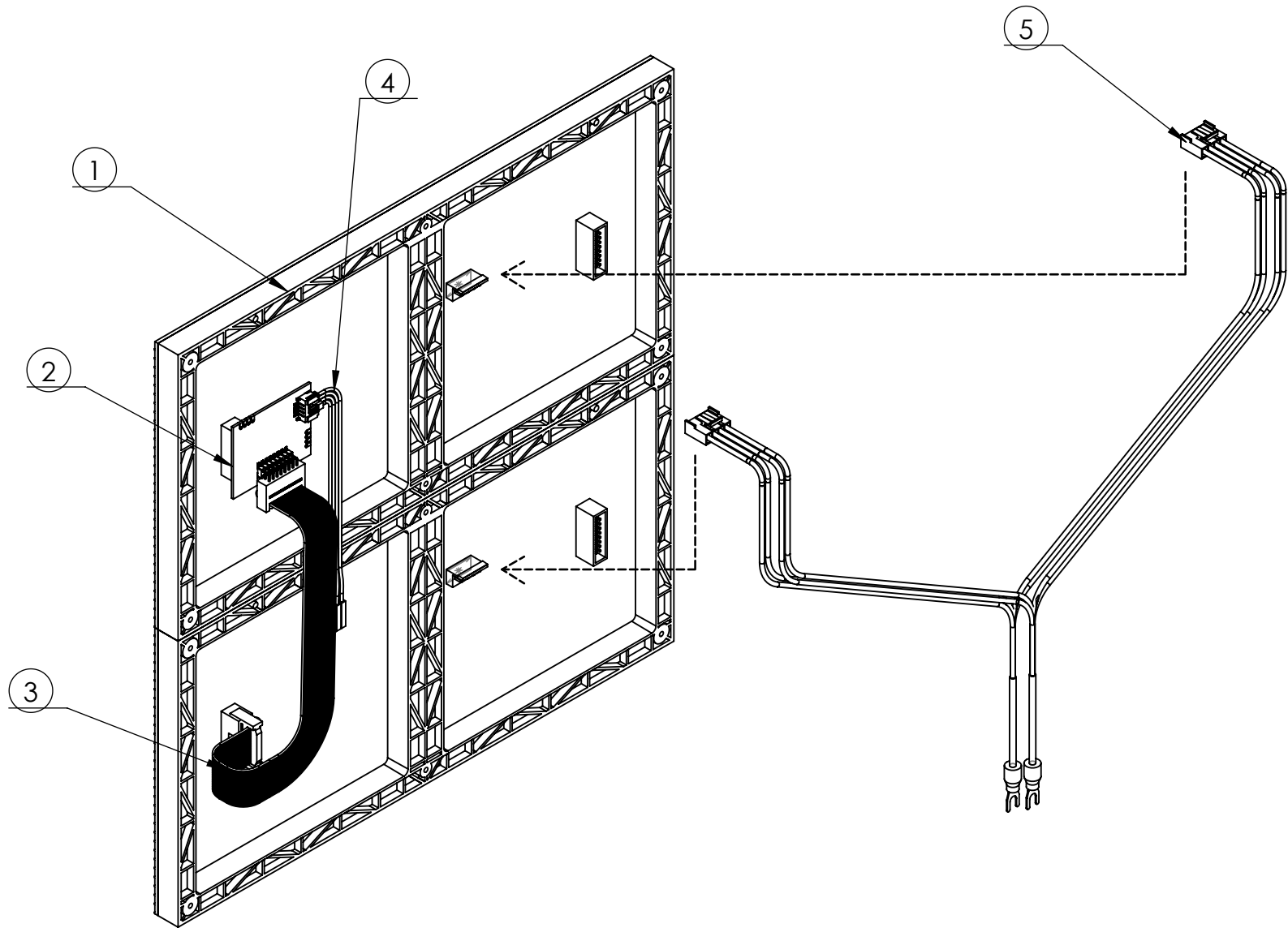


PART NUMBER		LDM-6464-P5-UR	REV	A
REV	E.C.N. NUMBER AND REVISION COMMENTS			DATE
A	ECN-Lumex202300023			03.06.23



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 425 N. GARY AVE. CAROL STREAM, IL 60188 PHONE : 800-278-5666 FAX : 630-315-2150 WEB : WWW.LUMEX.COM	ezDisplay P5 DOT MATRIX, 64*64 PIXEL, RGB LEDs, UART INTERFACE, DC 5V.		DATE : 2023.03.01	DRAWN BY : E.C.
	THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE.		PAGE : 1 OF 6	CHKD BY : T.S.
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COMPONENT

ITEM	P/N	QTY.
1	LDM-6432-P5-PCB	2
2	LDM-6432-2LT-RGB-E	1
3	FLAT CABLE	1
4	WIRE002	1
5	WIRE008	1

WIRELEAD DEFINITION

P/N	PIN NO.	COLOR	DEFINITION
WIRE002	1	YELLOW	TX1
	2	WHITE	RX1
	3	RED	5V
	4	BLACK	GND
WIRE008	1	RED	5V
	2	RED	5V
	3	BLACK	GND
	4	BLACK	GND

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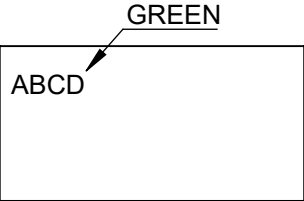
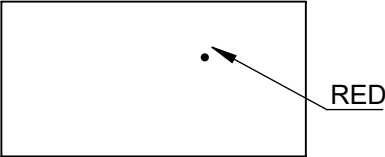
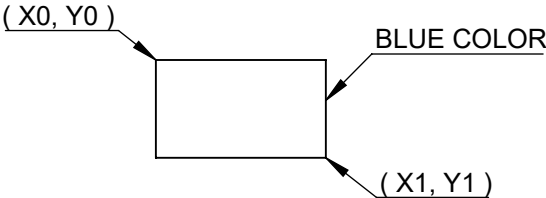
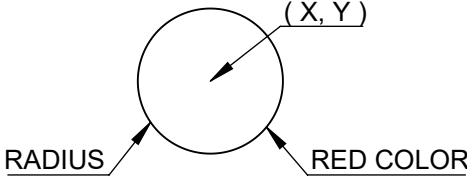
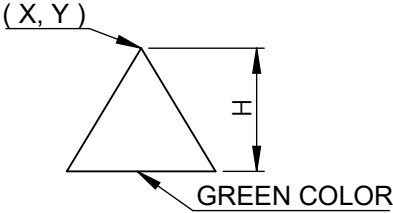
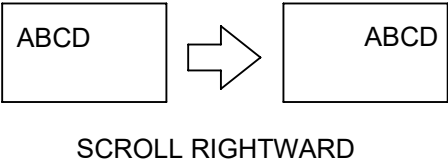
GENERAL SPECIFICATION

ITEM	DESCRIPTION	UNIT
MODULE SIZE	320(L)× 320(W)	mm
PIXEL PITCH	5	mm
PIXEL FORM	RGB	--
PIXEL DENSITY	40000	dot/m2
MODULE RESOLUTION	64x64	dot
DRIVE METHOD	1/16 SCAN	--
CONTROLLER INTERFACE	UART	--
POWER CONSUMPTION	30 MAX	W
BRIGHTNESS	1200 MIN	cd/m2
TEMPERATURE RANGE	-20~60, 10~80%RH	°C
FRAME COLOR	BLACK	°C

UART CONFIGURATION

ITEM	SETING VALUE
BAUD RATE	115200
DATA BIT	8
STOP BIT	1
PARITY BIT	NONE
FLOW CONTROL	NONE

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		PART NUMBER	LDM-6464-P5-UR	REV	A
DIAGRAM	COMMAND*	EXAMPLE			
	Write a 5x7 RGB String	ate1=(line,column, Color 0~255* ,String) ate1=(0,0,4,ABCD)			
	Set a Color Pixel	atee=(X position,Y position, Color 0~255*) atee=(48,6,96) : '96' Red color			
	Draw a Rectangle	at91=(X0 position,Y0 position,X1 position,Y1 position, Color 0~255*) at91=(0,0,55,7,2) : '2' blue color			
	Draw a Circle	at94=(X position,Y position,Radius, Color 0~255*) at94=(48,4,3,64) : '64' red color			
	Draw a tip upward Triangle	at96=(X position,Y position,Height, Color 0~255*) at96=(48,1,3,4) : '4' green color			
	Scroll the whole display rightward	atd5=(shif time in ms) atd5=(20)			

* Please refer to detail commands/ **COLOR CODE Table** on Lumex website: www.lumex.com/ezdisplay

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COLOR CODE TABLE

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47
64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79
96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111

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