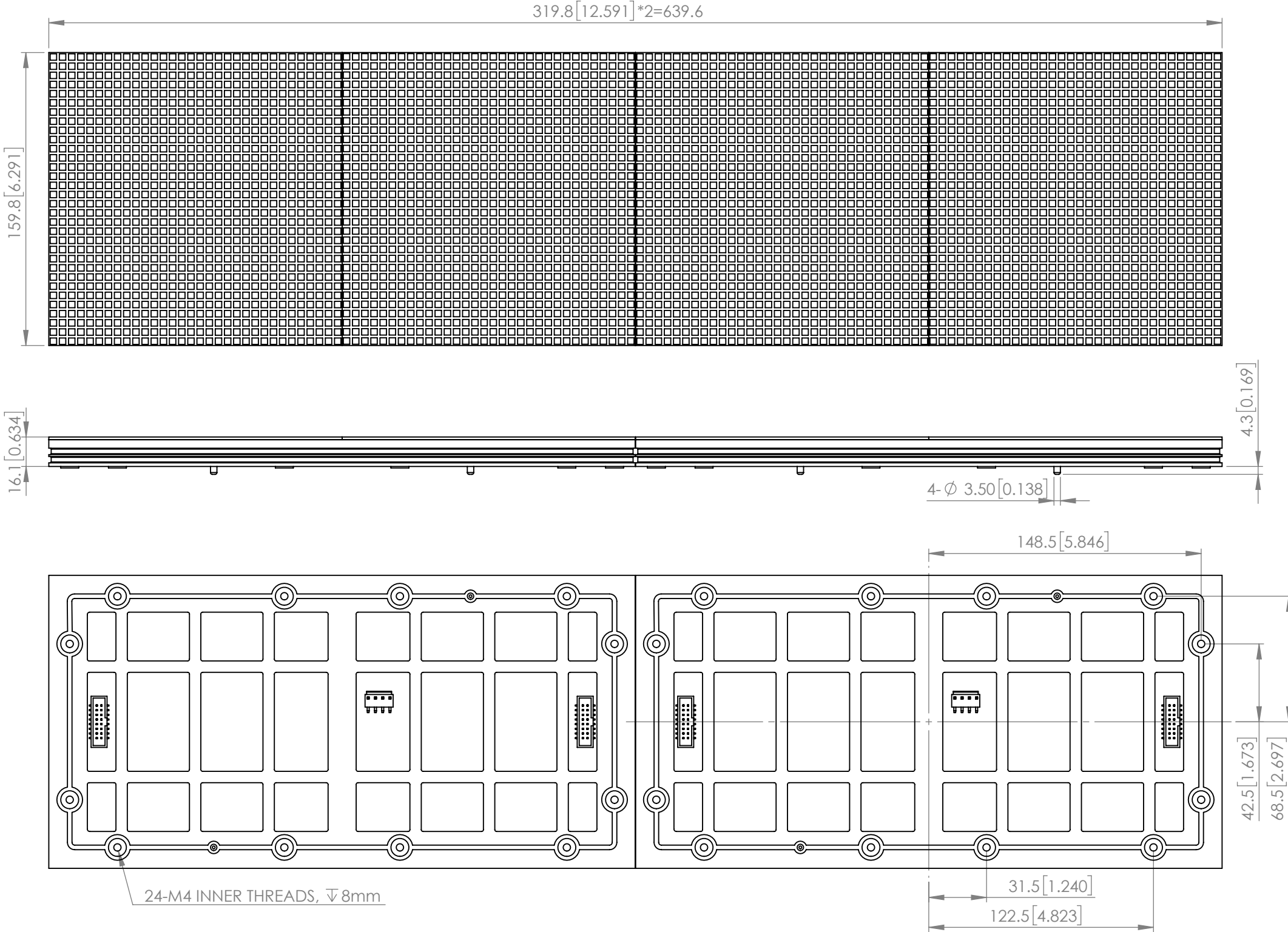
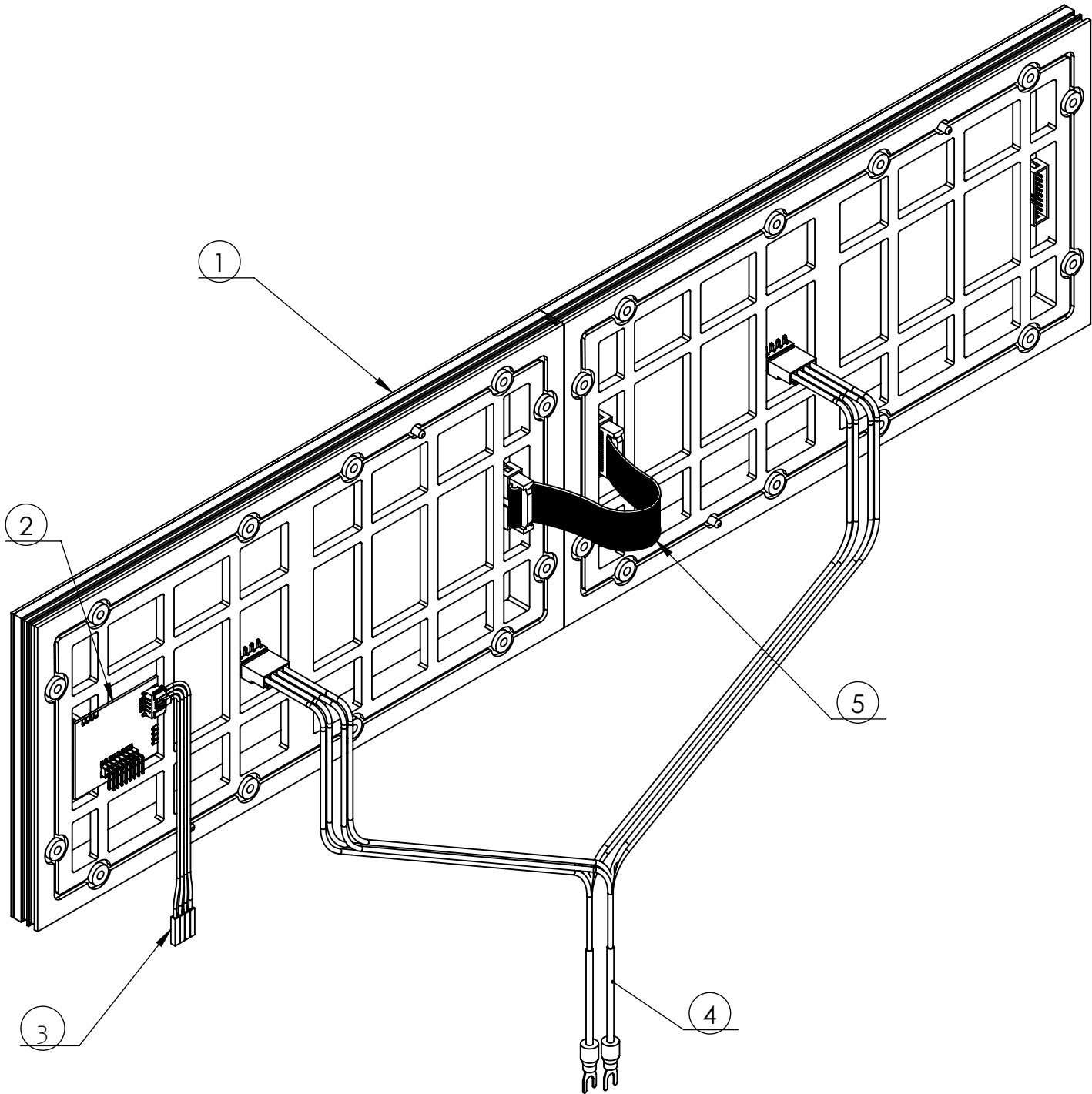


PART NUMBER		LDM-12832-P5-UR-O	REV	A
REV	E.C.N. NUMBER AND REVISION COMMENTS			DATE
A	ECN-Lumex202300031			03.06.23



*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= ^{+DECIMAL PRECISION}_{-0.00} MAX.= ^{+0.00}_{-DECIMAL PRECISION}

	425 N. GARY AVE. CAROL STREAM, IL 60188 PHONE : 800-278-5666 FAX : 630-315-2150 WEB : WWW.LUMEX.COM	ezDisplay P5 OUTDOOR, 128*32 PIXEL, 639.6mm(L)*159.8mm(H), RGB LEDs, UART INTERFACE, VF DC 5V, IF 15.6A MAX.		DATE : 2021.06.04	DRAWN BY : E.C.
		THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE.		PAGE : 1 OF 6	CHKD BY : T.S.
		CONFIDENTIAL INFORMATION		SCALE : NTF	APRVD BY : G.Y.
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COMPONENT

ITEM	P/N	QTY.
1	LDM-6432-P5-HUB75	2
2	LDM-12832-1LT-RGB-NU	1
3	WIRE002	1
4	WIRE008	1
5	FLAT CABLE	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	Vcc
	2	RED	Vcc
	3	BLACK	GND
	4	BLACK	GND

NOTE :
1. PCB and all plastic parts are complied with UL94V-0.

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GENERAL SPECIFICATION

ITEM	DESCRIPTION	UNIT
MODULE SIZE	639.6(L) × 159.8(W)	mm
PIXEL PITCH	5	mm
PIXEL FORM	RGB	--
MODULE RESOLUTION	128 x 32	dot
DRIVE METHOD	1/8 SCAN	--
CONTROLLER INTERFACE	UART	--
MAX CURRENT	15.6	A
BRIGHTNESS	5500	cd/m2
TEMPERATURE RANGE	-20~60, 10~80%RH	°C
FRAME COLOR	BLACK	--

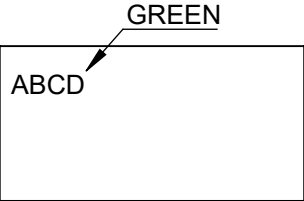
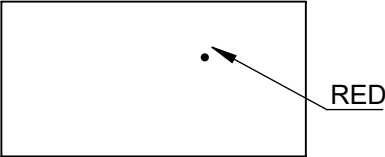
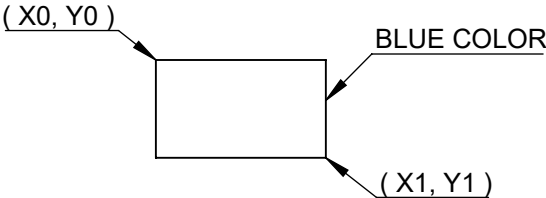
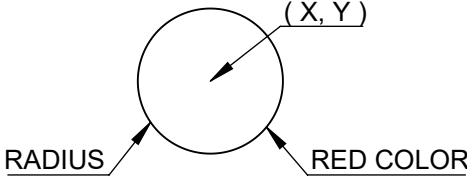
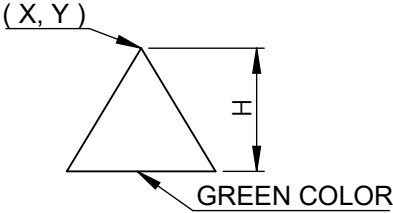
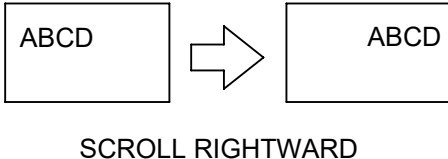
LED ELECTRO-OPTICAL CHARACTERISTIC TA=25°C

PARAMETER		MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	R	-	622	-	nm	If=20mA
	G	-	520	-		If=20mA
	B	-	470	-		If=20mA
LUMINOUS INTENSITY	R	-	600	-	mcd	If=20mA
	G	-	1350	-		If=20mA
	B	-	280	-		If=20mA
BRIGHTNESS	W	-	5500	-	cd/m²	-
COLOR TEMPERATURE	W	-	9000	-	K	-
VIEW ANGLE		-	110	-	2x theta1/2	-
EPOXY LENS FINISH		WATER CLEAR				

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-12832-P5-UR-O	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

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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DATE : 2021.06.04

DRAWN BY : E.C.

PAGE : 5 OF 6

CHKD BY : T.S.

SCALE : NTF

APRVD BY : G.Y.

UNIT : mm [INCH]



