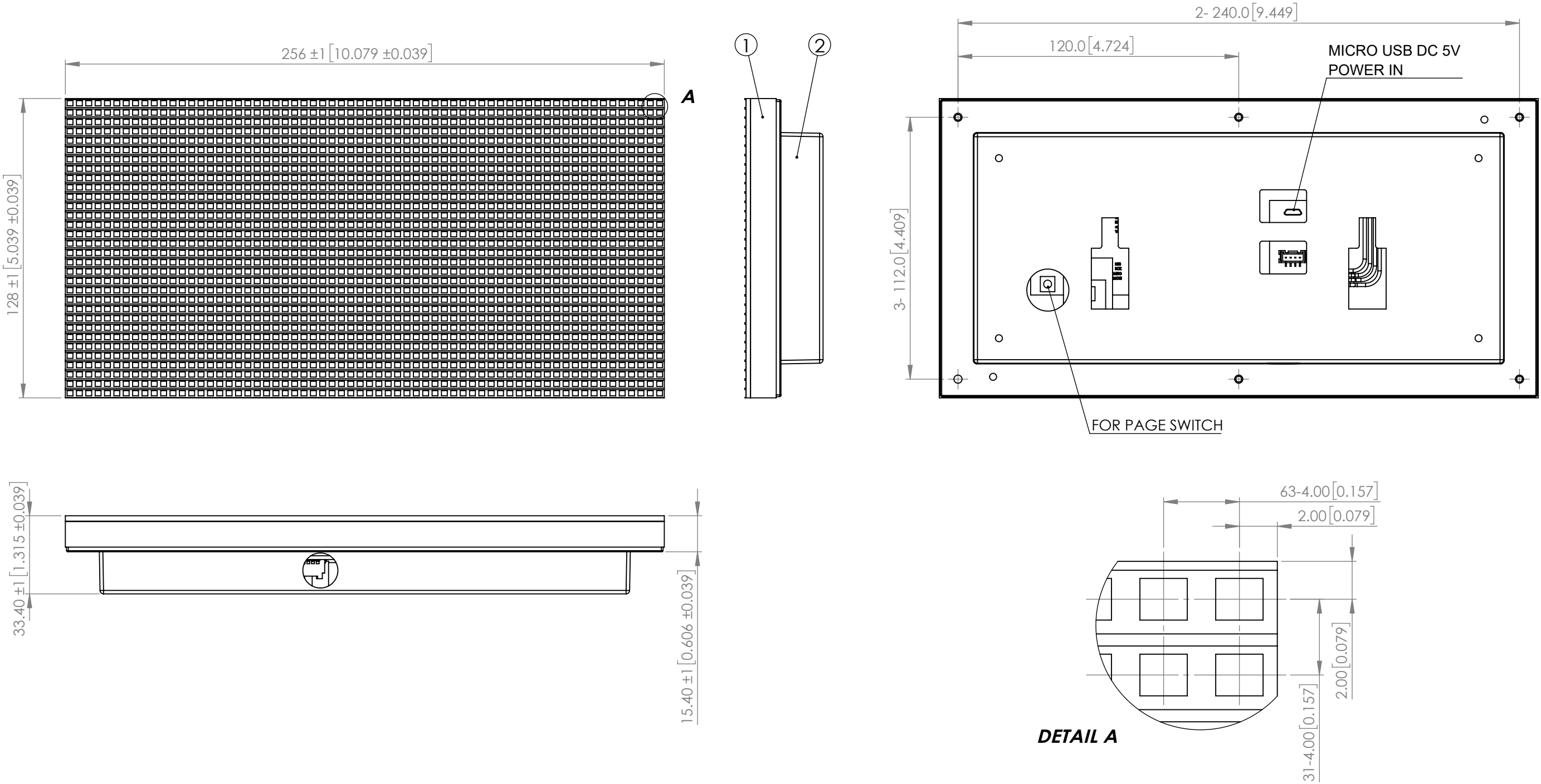
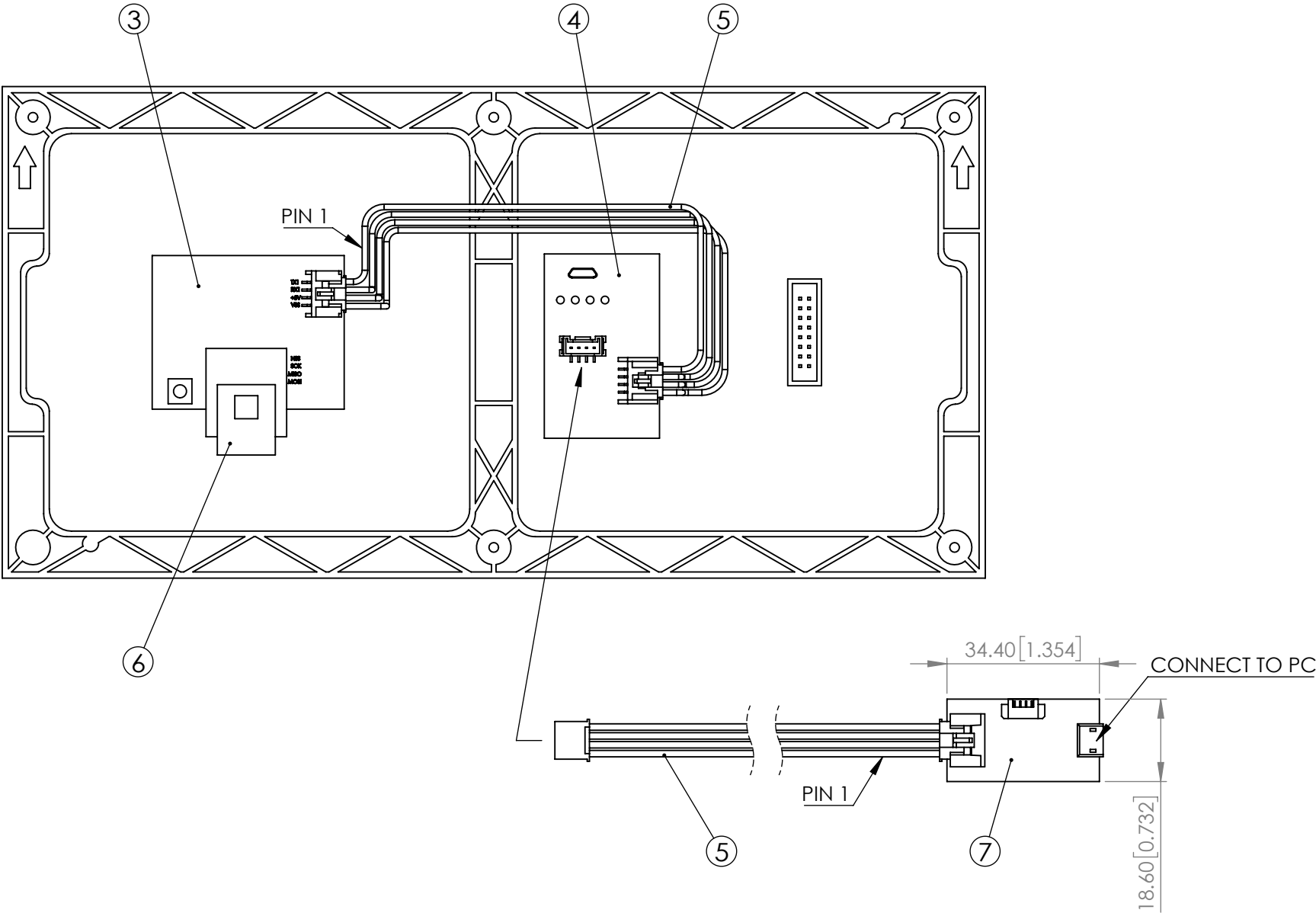




*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= ^{+DECIMAL PRECISION}_{-0.00} MAX.= ^{+0.00}_{-DECIMAL PRECISION}

SUNLIKE DISPLAY TECH. CORP.	Web: www.lcd-modules.com.tw	ezDisplay P4 DOT MATRIX, 64*32 PIXEL, RGB LEDs, UART INTERFACE, BLUE TOOTH, DC 5V	DATE : 2018.06.29	DRAWN BY : C.C.
		THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.	PAGE : 1 OF 6	CHKD BY : E.C.
		CONFIDENTIAL INFORMATION	SCALE : NTF	APRVD BY : G.Y.
		THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF SUNLIKE. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY SUNLIKE, THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.	UNIT : mm [INCH]	



WIRELEAD DEFINITION

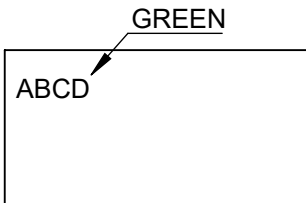
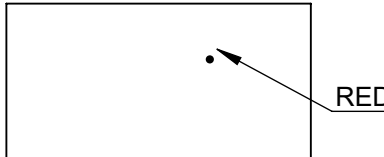
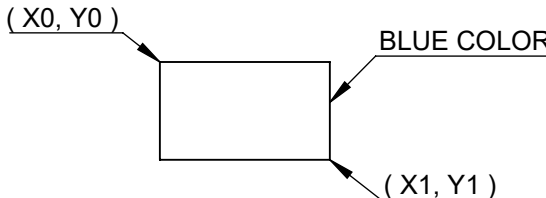
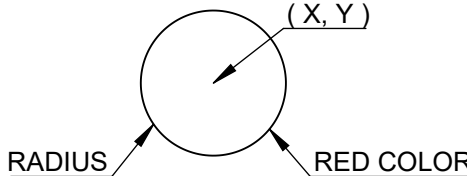
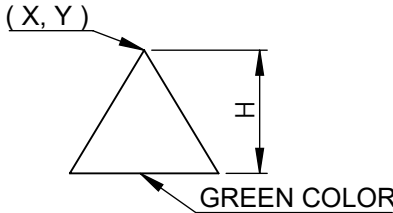
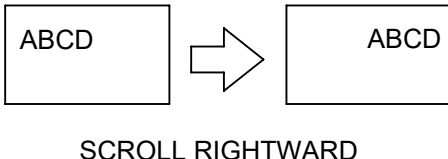
P/N	PIN NO.	COLOR	DEFINITION
WIRE001	1	YELLOW	TX1
	2	WHITE	RX1
	3	RED	5V
	4	BLACK	GND

COMPONENT

ITEM	P/N	QTY.
1	LDM-6432-P4-PCB	1
2	BCOVER-P4	1
3	LDM-6432-1LT-RGB-E	1
4	LDM-6432-AMPERE	1
5	WIRE001	2
6	LDM-6432-BLE4	1
7	LDM-6432-USB2	1

NOTE:
WHEN USE BLUETOOTH, NEED TO DISCONNECT ⑤ WIRE001
THEN RECONNECT MICRO USB TO SUPPLY DC 5V.

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			PART NUMBER	AD-6432-4BLE4-1	REV	--
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 RIGHTWARD		Scroll the whole display rightward	atd5=(shif time in ms) atd5=(20)			
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SUNLIKE DISPLAY TECH. CORP.	Web: www.lcd-modules.com.tw	ezDisplay P4 DOT MATRIX, 64*32 PIXEL, RGB LEDs, UART INTERFACE, BLUE TOOTH, DC 5V			DATE : 2018.06.29	DRAWN BY : C.C.
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		CONFIDENTIAL INFORMATION			SCALE : NTF	APRVD BY : G.Y.
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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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ASCII CODE OF 5X7 FONTS AND 8X16 FONTS

Hex	Symbol	Hex	Symbol	Hex	Symbol
0x20		0x40	@	0x60	`
0x21	!	0x41	A	0x61	a
0x22	"	0x42	B	0x62	b
0x23	#	0x43	C	0x63	c
0x24	\$	0x44	D	0x64	d
0x25	%	0x45	E	0x65	e
0x26	&	0x46	F	0x66	f
0x27		0x47	G	0x67	g
0x28	(	0x48	H	0x68	h
0x29	)	0x49	I	0x69	i
0x2a	*	0x4a	J	0x6a	j
0x2b	+	0x4b	K	0x6b	k
0x2c	,	0x4c	L	0x6c	l
0x2d	-	0x4d	M	0x6d	m
0x2e	.	0x4e	N	0x6e	n
0x2f		0x4f	O	0x6f	o
0x30	0	0x50	P	0x70	p
0x31	1	0x51	Q	0x71	q
0x32	2	0x52	R	0x72	r
0x33	3	0x53	S	0x73	s
0x34	4	0x54	T	0x74	t
0x35	5	0x55	U	0x75	u
0x36	6	0x56	V	0x76	v
0x37	7	0x57	W	0x77	w
0x38	8	0x58	X	0x78	x
0x39	9	0x59	Y	0x79	y
0x3a	:	0x5a	Z	0x7a	z
0x3b	;	0x5b	]	0x7a	{
0x3c	<	0x5c	\	0x7a	
0x3d	=	0x5d	[	0x7a	}
0x3e	>	0x5e	^	0x7a	~
0x3f	?	0x5f	_	0x7a	<-

ASCII code of 16X16 fonts

Hex	Symbol
0x30	0
0x31	1
0x32	2
0x33	3
0x34	4
0x35	5
0x36	6
0x37	7
0x38	8
0x39	9

No. of 8X16 pattern

No.	Symbol
0	0
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9

No. of 32X32 pattern

No.	Symbol
0	0
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	°C
11	°F
12	

No. of 8X8 pattern

No.	Symbol
0	0
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9

No. of 16X16 pattern

No.	Symbol
0	0
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9

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