POWERTIP TECH. CORP.

SPECIFICATIONS

CUSTOMER	:	CTW1578
SAMPLE CODE	:	SH128128T-040-L08Q
MASS PRODUCTION CODE	:	PH128128T-040-L08Q
SAMPLE VERSION	:	02
SPECIFICATIONS EDITION	:	006
DRAWING NO. (Ver.)	:	JLMD-PH128128T-040-L08Q_004
PACKAGING NO. (Ver.)	:	JPKG-PH128128T-040-L08Q_001

Customer Approved

Date:

POWERTIP
2013.02.05
JS RD APPROVED

Approved	Checked	Designer
first FC components	劉進	趙冬冬

□ Preliminary specification for design input

■ Specification for sample approval

Represented by:

first FC components
FIRST Components s.r.l.
www.first-components.com
technical@first-components.com
+39 0332 1888005

1. SPECIFICATIONS

1.1 Features

Main LCD Panel

Item	Standard Value
Display Type	128(R、G、B) * 128 Dots
LCD Type	Normally white TN, Transmissive type
Screen size(inch)	1.4” inch
Viewing Direction	12 O’clock
Color configuration	R.G.B. vertical stripe
Backlight	White LED
Interface	8Bits data bus (8080 MCU Parallel System interface)
Other(controller / driver IC)	Sitronix: ST7715R
ROHS	THIS PRODUCT CONFORMS THE ROHS OF PTC Detail information please refer web side : http://www.powertip.com.tw/news.php?area_id_view=1085560481/

1.2 Mechanical Specifications

Item	Standard Value	Unit
Outline Dimension	31.1 (W) * 36.9 (L) * 2.85 (H)	mm
Outline Dimension(with EVA)	31.1 (W) * 36.9 (L) * 3.35 (H)	mm

TFT LCD Panel

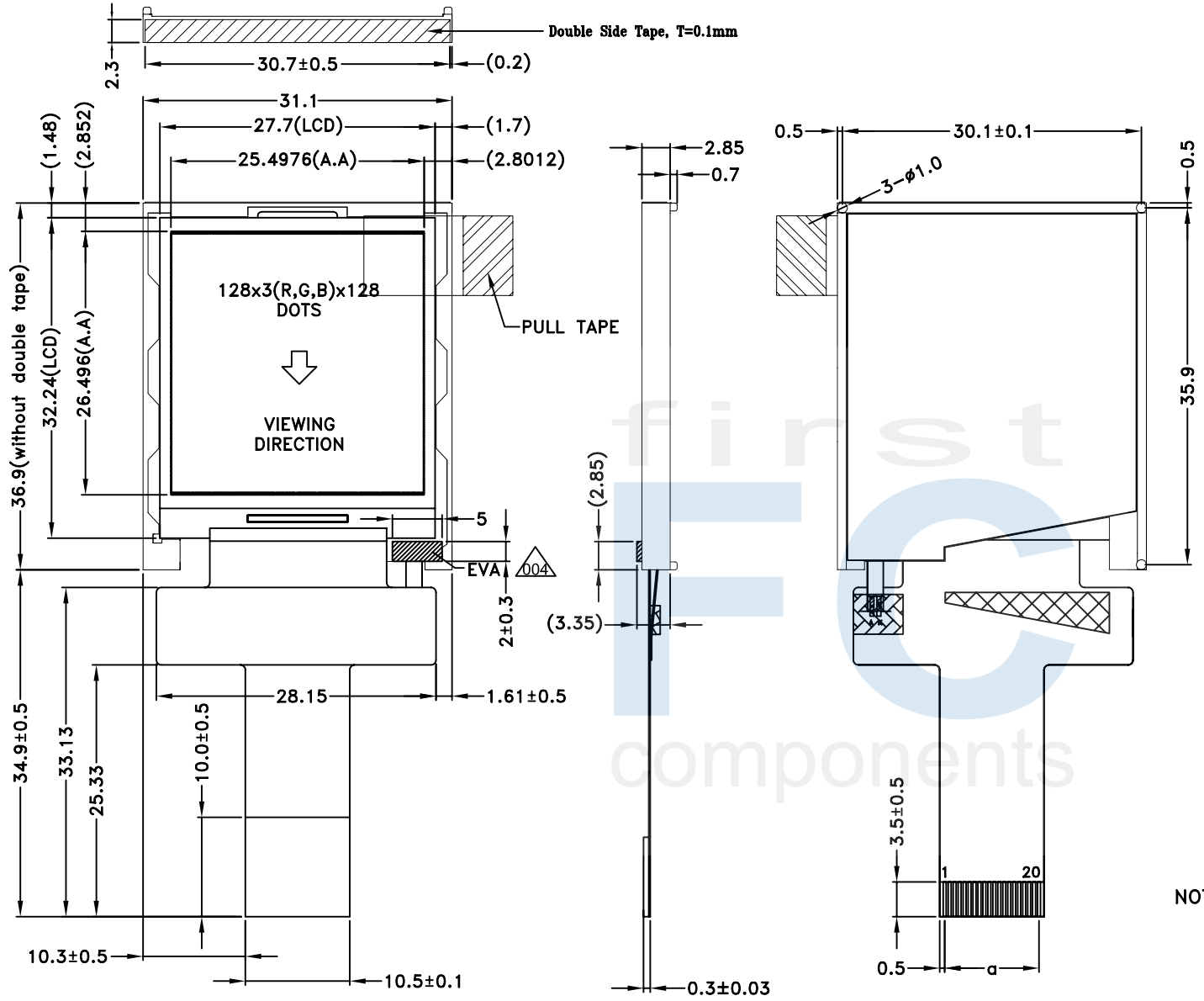
Item	Standard Value	Unit
Viewing Area	25.7 (W) * 27.24 (L)	mm
Active Area	25.4976 (W) * 26.496 (L)	mm

Note : For detailed information please refer to LCM drawing.

2.2 Interface Pin Description

Pin NO	Symbol	Function
1	LEDK	Negative Power Supply for LED
2	LEDA	Positive Power Supply for LED
3	VSS	Ground
4	VDD	Power supply for LCD
5,6	NC	NC
7	/CS	Chip select for booster circuit
8	/RST	Reset control pin
9	RS	Data/Command select input pin
10	WR	Write enable input pin
11	RD	Read Enable input pin
12~19	D7~0	8-Bit data bus,8080series
20	VSS	Ground

first components



NOTE:

1.DRIVING ELEMENT : 65K COLOR a-Si TFT
2.THE TOLERANCE UNLESS CLASSIFIED±0.2mm
3.a:P0.5x(20-1)=9.5±0.08 W=0.3±0.05

REV	REV BY	REVISER	DATE
007			
006			
005			
004	ADD EVA DIMISION	Air	2013/02/04
003	ADD EVA	Air	2013/01/28
002	ADD DOUBLE SIDE TAPE	Air	2011/12/28
001	NEW DRAWING	Air	2011/12/19

PART NO: PH128128T-040-L08Q

DRAWING NAME : JLMD-PH128128T-040-L08Q

TITLE: LCD Module Drawing

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POWERTIP TECHNOLOGY CORPORATION

Design	Air	⟨3⟩	Surface		
Check	Terry	Unit	MM	Material	
Approve	Ryan	Scale	1:1	Thickness	
		Page	1/1	Quantity	

Length(Min) (mm) \ Tolerance \ Precision	Precision Level
1 ~ 4	-
4 ~ 16	-
16 ~ 63	-
63 ~ 250	-
250 ~ 1000	-