

# PRODUCT PREVIEW

## 2.2" 176 x 220 TFT

### Small Size TFT

The PDI-T176220TM-2.2 is a small-size TFT with QCIF+ (176 x 220) resolution. This product offers improved contrast, color saturation and response time over CSTN products.

### Increased Display Brightness

Display Brightness is a key factor for design engineers when selecting a display that must vividly show images and alphanumeric data. The TFT cell is manufactured using high aperture panel technology, high transmittance color filters and high transmission polarizers. The result is a clear and extremely bright display.

## SPECIFICATIONS

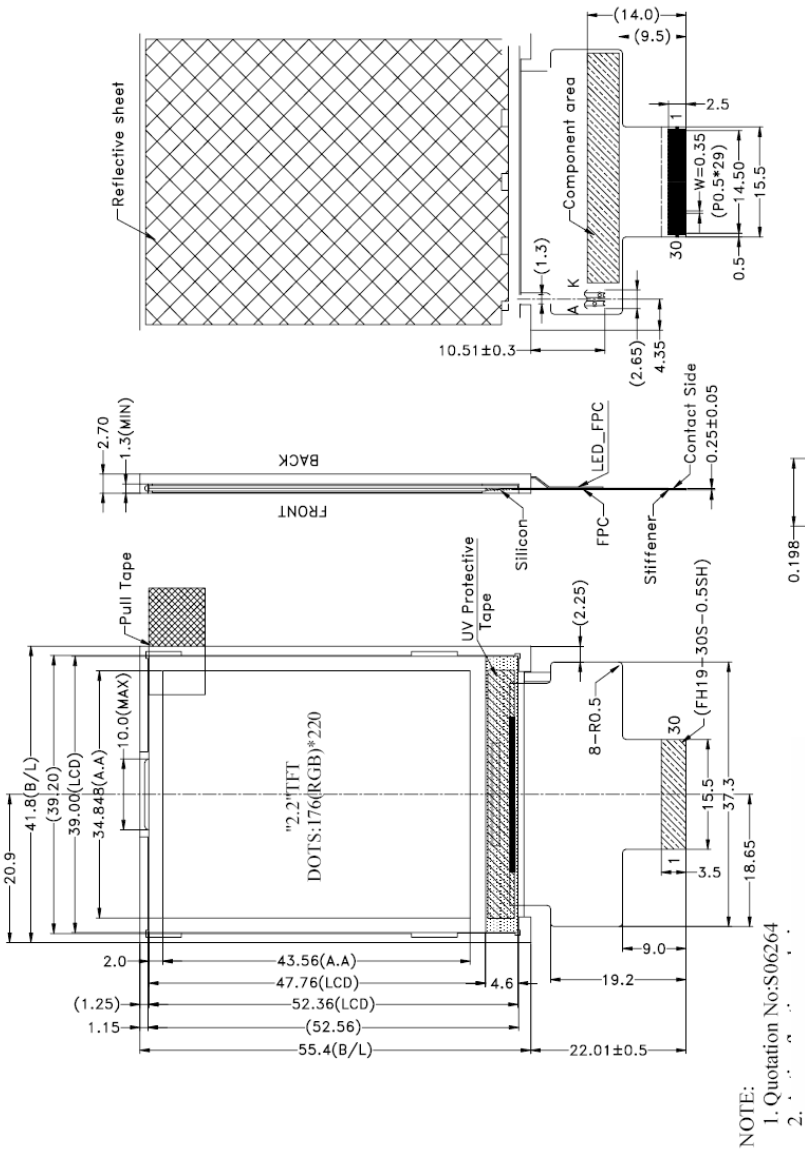
### MODULE

Part Number	PDI-T176220TM-2.2
Overall Dimensions	42.0mm x 55.6mm x 2.6mm (outline without FPC)
Power Supply	2.8 - 3.3 Volts
Backlight System	white LED
Display Type	a-Si TFT
Format	176 RGB striped (Hor) x 220 (Ver)
Colors	262K
Display Mode	Normally White, Transmissive
Active Area	34.85mm x 43.56mm
Pixel Pitch	66um x 198um
View Cone	50°V 90°H 12:00
Contrast Ratio	300:1
Operating Temperature	-20°C to +60°C
Response Time	25 ms
Interface	16 bit MPU
Brightness	315 nits
NTSC	40%



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NOTE:  
 1. Quotation No:S06264  
 2.

FPC ASSIGNMENT:

1	CS	16	D9
2	RS	17	D10
3	WR	18	D11
4	RD	19	D12
5	VDD	20	D13
6	D0	21	D14
7	D1	22	D15
8	D2	23	RESET
9	D3	24	GND
10	D4	25	GND
11	D5	26	VDD
12	D6	27	VCI
13	D7	28	GND
14	VDD	29	VLED+
15	D8	30	VLED-

