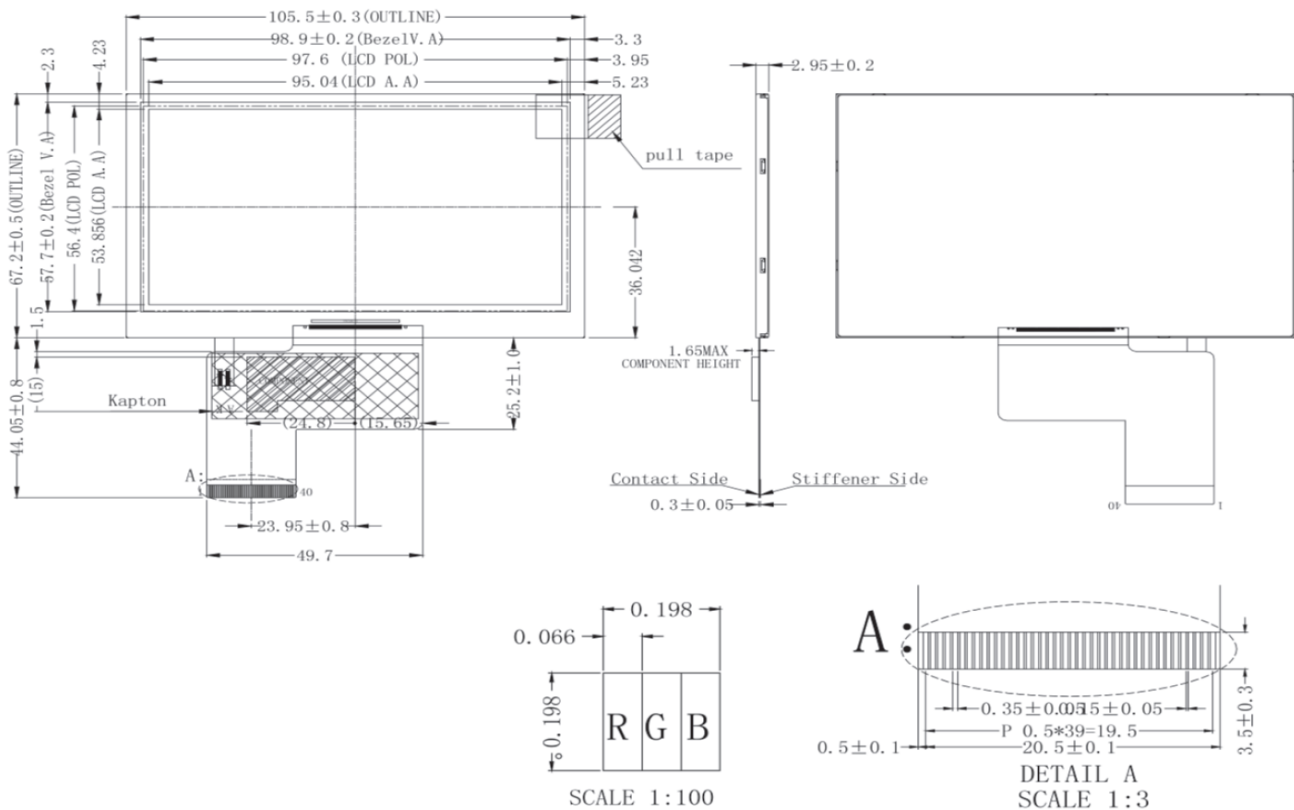


MSF43H

TFT Graphic 480x272



Feature

1. 4.3 inches Color TFT
2. Dot Matrix: 480xRGBx272
3. View Direction: 12 o'clock
4. Gray Scale Inversion Direction: 6 o'clock
5. 3.3V power supply of VCC
6. Option Control-board/Frame/RTP/CTP
7. Interface : RGB 888(Only DE-SYNC)

Pin No.	Symbol	function
1	VLED-	Power for LED backlight cathode
2	VLED+	Power for LED backlight anode
3	GND	Power ground
4	VCC	Power voltage
5	R0	Red data (LSB)
6~11	R1~6	Red data
12	R7	Red data (MSB)
13	G0	Green data (LSB)
14~19	G1~6	Green data
20	G7	Green data (MSB)
21	B0	Blue data (LSB)
22~27	B1~6	Blue data
28	B7	Blue data (MSB)
29	GND	Power ground
30	CLK	Pixel clock
31	DISP	Display on/off
32	HSYNC	Horizontal sync signal; negative polarity
33	VSYNC	Vertical sync signal; negative polarity
34	DE	Data Enable
35	NC	No connection
36	GND	Power ground
37~40	NC	No connection

Mechanical Data

Item	Standard Value	Unit
Module Dimension	105.5 x 67.2	mm
Viewing Area	98.9 x 57.7	mm
Active Area	95.04 x 53.85	mm
Dot Pitch	0.066 x 0.198	mm

Electrical Characteristics (Operating conditions)

Item	Symbol	Min	Typ	Max	Unit
Supply Voltage	VCC	3	3.3	3.5	V
Supply Current	ICC	---	17	25	mA

Electrical Characteristics (B/L driving conditions)

Parameter	Symbol	Min	Typ	Max	Unit
LED Voltage	VLED+	30	32	34	V
LED Current	ILED	---	20	---	mA

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