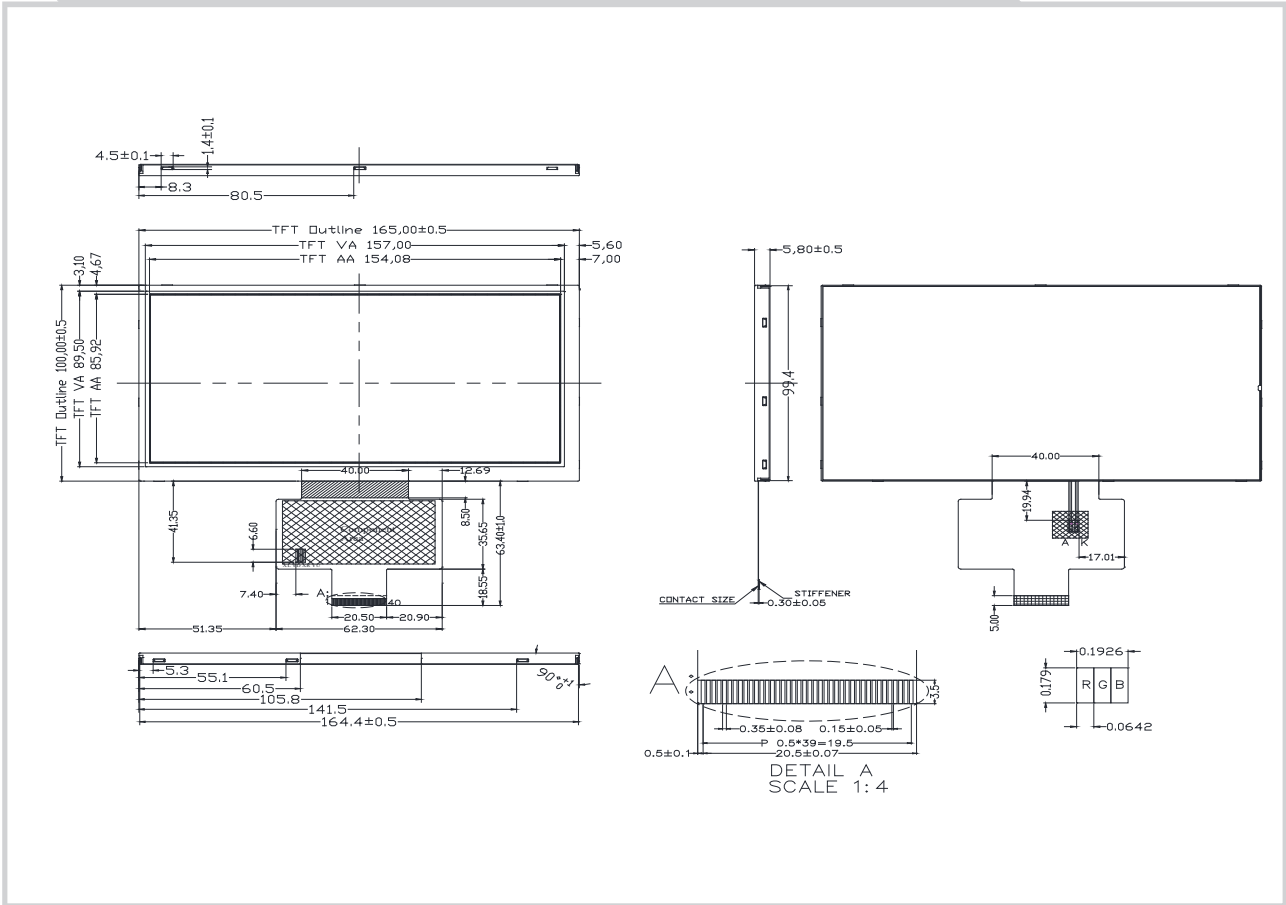


NTF70Y TFT Graphic 800x480 dots



Feature

1. 7 inches Color TFT
2. Dot Matrix: 800xRGBx480
3. View Direction: 12 o'clock
4. Gray Scale Inversion Direction: 6 o'clock
5. +3.3V power supply of VCC
6. Touch panel: RTP/CTP option
7. Interface : RGB 888(SYNC only)

Pin	Symbol	Function
1	VLED-	Backlight ground
2	VLED+	Power supply for
3	GND	Power ground
4	VCC	Power for Digital Circuit
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	Sample clock
31	R/L	Right /Left selection
32	Hsync	Horizontal Sync Input
33	Vsync	Vertical Sync Input
34	NC	No connection
35	U/D	Up/down selection
36	RESET	Global reset pin.
37~40	NC	No connection

Mechanical Data

Item	Standard Value	Unit
Module Dimension	165.0 x 100.0	mm
Viewing Area	157.0 x 89.5	mm
Active Area	154.08 x 85.92	mm
Dot Pitch	0.0642 x 0.179	mm

Electrical Characteristics (Operating conditions)

Item	Symbol	Min	Typ	Max	Unit
Supply Voltage	VCC	3	3.3	3.6	V
Supply Current	ICC	---	110	165	mA

Electrical Characteristics (B/L driving conditions)

Parameter	Symbol	Min	Typ	Max	Unit
LED Voltage	VLED+	9	9.9	10.5	V
LED Current	ILED	---	180	---	mA