

BTH043A-DHC\$



● Feature

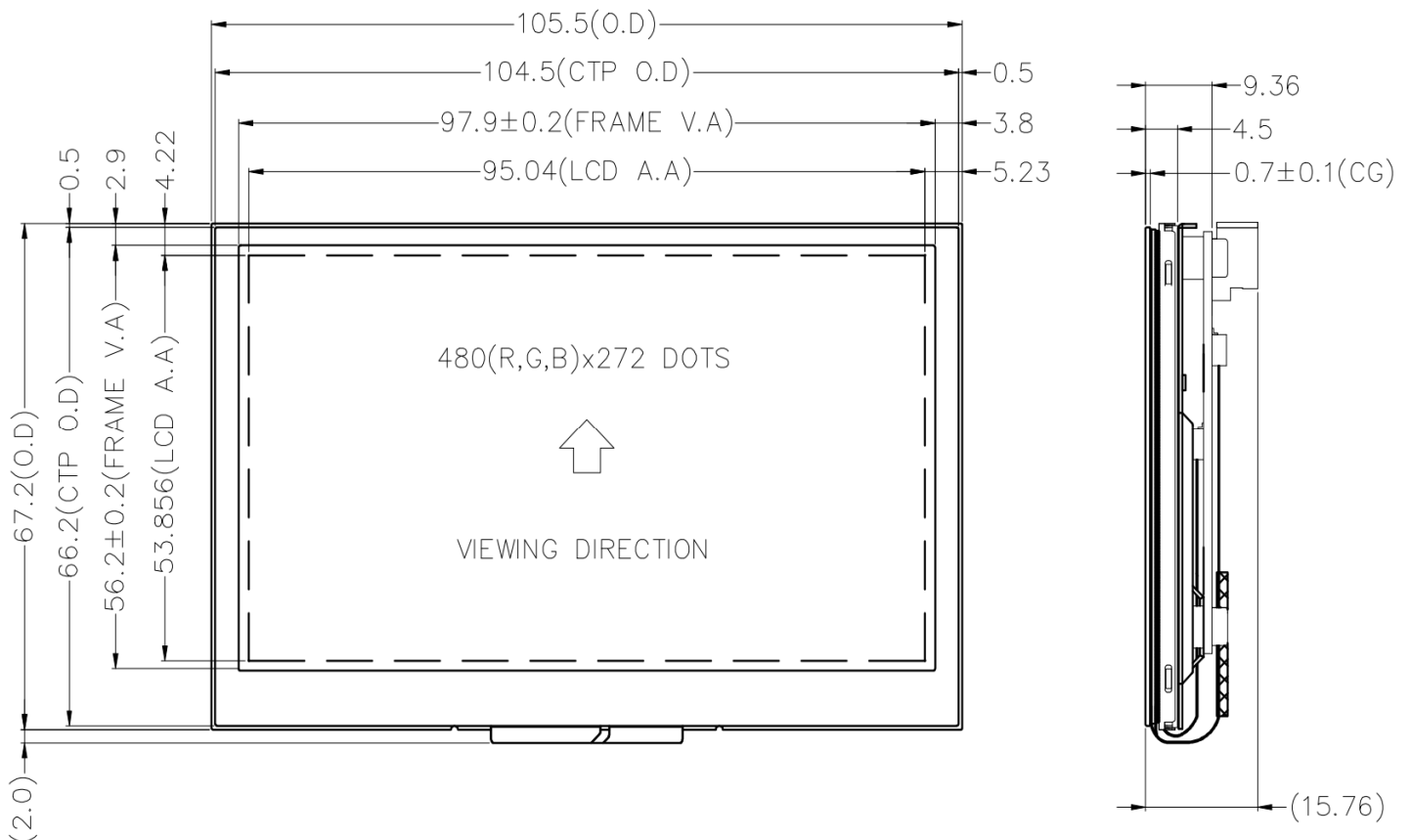
1. 4.3" TFTLCD Module
2. Resolution:480*3(RGB)*272
3. DisplayType:TFT/Transmissive/Normally white
4. Interface Type:HDMI
5. Surface Luminance:680cd/m²
6. Top:-20°C~70°C
7. Support Capacitive Touch Panel
8. CTP Drive IC:HYCON 4635



● Mechanical Data

1. Module(WxHxT)(mm):105.5*67.2*15.76
2. Active Area(mm):95.04*53.856
3. LED Numbers: 12 LEDs

● Mechanical Drawing



● HDMI Interface Pin Function

Pin#	Name	Description
1	TX2+	TMDS Data 2+
2	TX2 Shield	TMDS Data 2 Shield
3	TX2-	TMDS Data 2-
4	TX1+	TMDS Data 1+
5	TX1 Shield	TMDS Data 1 Shield
6	TX1-	TMDS Data 1-
7	TX0+	TMDS Data 0+
8	TX0 Shield	TMDS Data 0 Shield
9	TX0-	TMDS Data 0-
10	TXC+	TMDS Clock+
11	TXC Shield	TMDS Clock Shield
12	TXC-	TMDS Clock-
13	CEC	CEC
14	NC	No connection
15	SCL	Serial Clock for DDC
16	SDA	Serial Data for DDC
17	GND	Power ground
18	V5V	+5V Power
19	Hot Plug Detect	Hot Plug Detect

● Capacitive Touch Panel Pin Function

Pin#	Name	Description
1	V _{Bus}	V _{Bus} 4.4V-5.25V
2	D-	Data-
3	D+	Data+
4	ID	No connection
5	GND	Power ground.

● Electrical Characteristics

Module

Item	Symbol	Min.	Typ.	Max.	Unit
Input Signal Voltage	V _{Bus}	4.5	5.0	5.5	V
Supply Current	I _{VBus}	350	370	450	mA

Backlight

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
Forward Voltage	V _F	I _F =40mA	17.6	19.2	20.4	V
LED Life Time	-		50000	-	-	hr
Color	White					