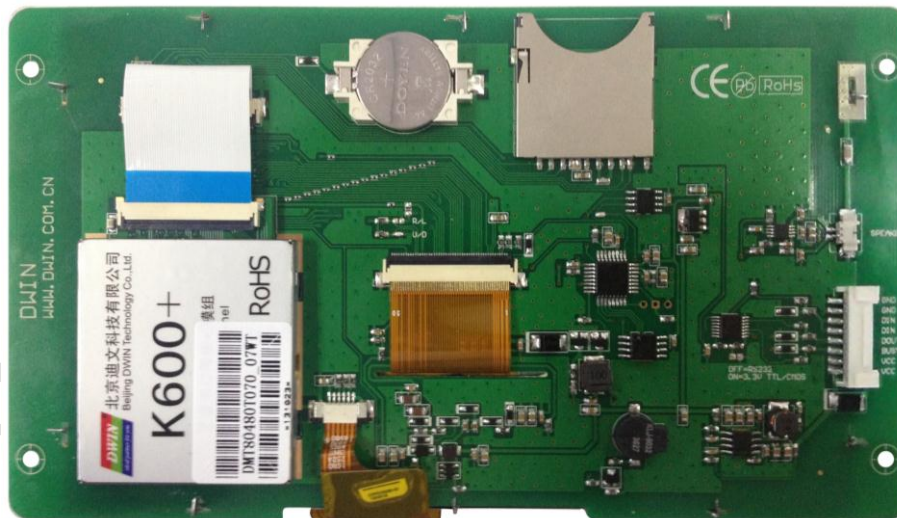


DMT80480T070_07WT

7.0 Inches, 800xRGBx480, 65K Colors, DGUS LCM



Record of Revision

Revise Date	Content
2013-10-24	First Edition

● Display

Item	Parameter	Description
Color	65K (65536) colors	16-bit color 5R6G5B
Active Area (A.A.)	154.1mm (W) x85.9mm (H)	800x480
View Area (V.A.)	155.1mm (W) x86.9mm (H)	800x480
Resolution	800x480	90° rotated display (480x800)
Backlight	LED	-
Brightness	350 nit	64 levels adjustment

● Voltage & Current

Item	Conditions	Min	Typ	Max	Unit
Power Voltage		5.0	12.0	15.0	V
Operation Current	VCC = +12V, Backlight on	285	300	315	mA
	VCC = +12V, Backlight off	-	120	-	mA
Recommended power supply: 12V 1A DC					

● Reliability Test

Item	Conditions	Min	Typ	Max	Unit
Working Temperature	60%RH at 12V voltage	-20	25	70	°C
Storage Temperature	-	-30	25	85	°C
Working Humidity	25°C	10%	60%	90%	RH
Protective Paint	-	-	None	-	-
Aging Test	-	-	24	-	H

● Interface

Item	Conditions	Min	Typ	Max	Unit
Baud Rate	Standard	1200	115200	921600	bps
	User define	1200	-	1000000	bps
Output Voltage (TXD, BUSY)	Output 1, Iout = 1mA	3.0	3.2	-	V
	Output 0, Iout = -1mA	-	0.1	0.2	V
Input Voltage (RXD, I/O)	Input 1, Iin = 1mA	2.0	3.3	15.0	V
	Input 0, Iin = -1mA	-15.0	0.0	0.3	V
Interface	Mode is determined by Jumper: ON = 8N1, 3.3V TTL/CMOS; OFF = 8N1, RS232				
Socket	8Pin_2.00mm with lock catch				
USB	None				
SD slot	Yes (SD/SDHC, FAT32 file format)				

● Memory

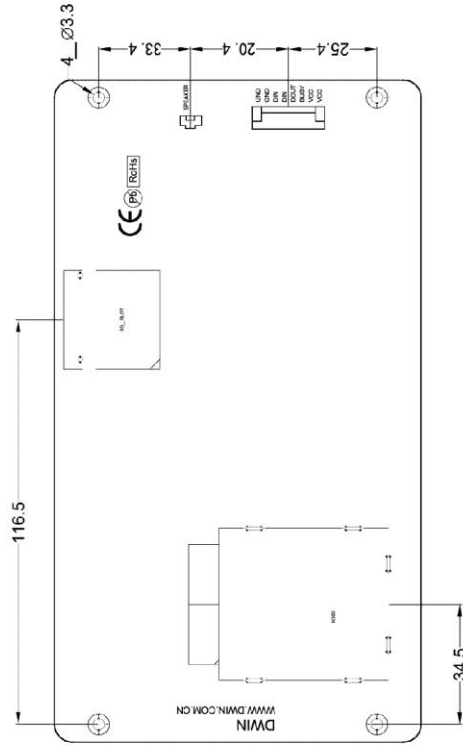
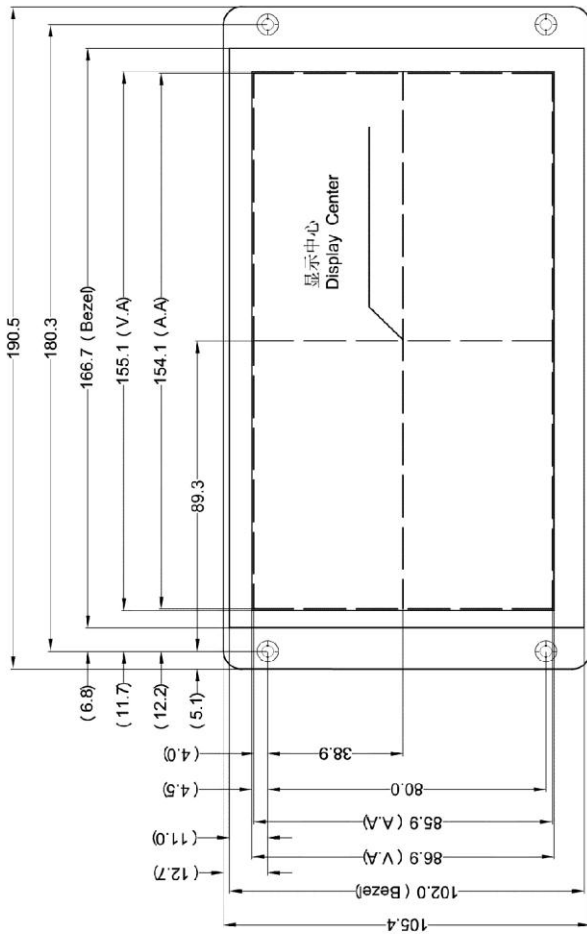
Item	Parameter	Min	Typ	Max	Unit
Flash	Space of Font	-	32	-	MB
	Picture Storage (256MB)	-	-	236	Pcs
	Picture Storage (2GB)	-	-	2485	Pcs
RAM	Variable Storage Space	-	56	-	KB

● Peripherals

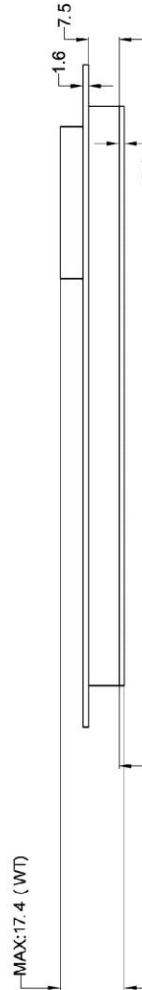
Peripherals Acquired	
Peripherals	DMT80480T070_07WT : capacitive touch screen, RTC, 128 Segments of Audio playback

● Packing Capacity & Dimension

Dimension				
Dimension	190.5 (W) x 105.4 (H) x 17.4 (T)mm			
Net Weight	345g			
Packing Capacity				
Model	Size	Layer	Quantity/Layer	Quantity(Pcs)
Carton5	600mm(L)x450mm(W)x300mm(H)	1	20	20



- 1.尺寸定位基准为定位孔。
Location hole is used as Drawing Reference.
- 2.未标注公差为±0.3mm。
General Tolerance is ±0.3mm.
- 3.虚线标注为有效显示区域。
Active Area (A.A.) is marked in dash lines.



引脚名称	引脚编号	引脚类型	说明
VCC	1,2	P	电源输入 / Power Input
BUSY	3	-	未定义 / Not Defined
DOUT	4	OUT	迪文屏串口输出 / DOUT
DIN	5,6	IN	迪文屏串口输入 / DIN
GND	7,8	P	公共地 / GND

DMT80480T070_07WT				
型号	图纸	绘图	DWIN	日期
	比例	1:1	审核	日期
单位	mm	批准		日期

DWIN 北京迪文科技有限公司
Beijing DWIN Technology Co., Ltd.