

MPC2809

2.8inch-MPC2809 Datasheet



**In order to ensure your safe use of this product, please read
this manual carefully**

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1. GENERAL INFORMATION

1.1. Description

The 2.8inchMPC2809 is an IPS full view high-definition display module with the following features:

- ✧ Resolution 480x480.
- ✧ Supports Mini-HDMI input
- ✧ Can be used as general-purpose-use HDMI monitor, for example: connect with a computer HDMI as the sub-display Those used as game console display,
- ✧ Used as a raspberry pi display that supports Raspberry Pi OS, Ubuntu, Kali-Linux, win10 IOT
- ✧ Work as a PC monitor, support win7, win10, win11 system , free drive

1.2. Image





2.8 inch Display*1



Power Cable*1

Accessories: MiniHDMI-HDMI+USB Line x 1

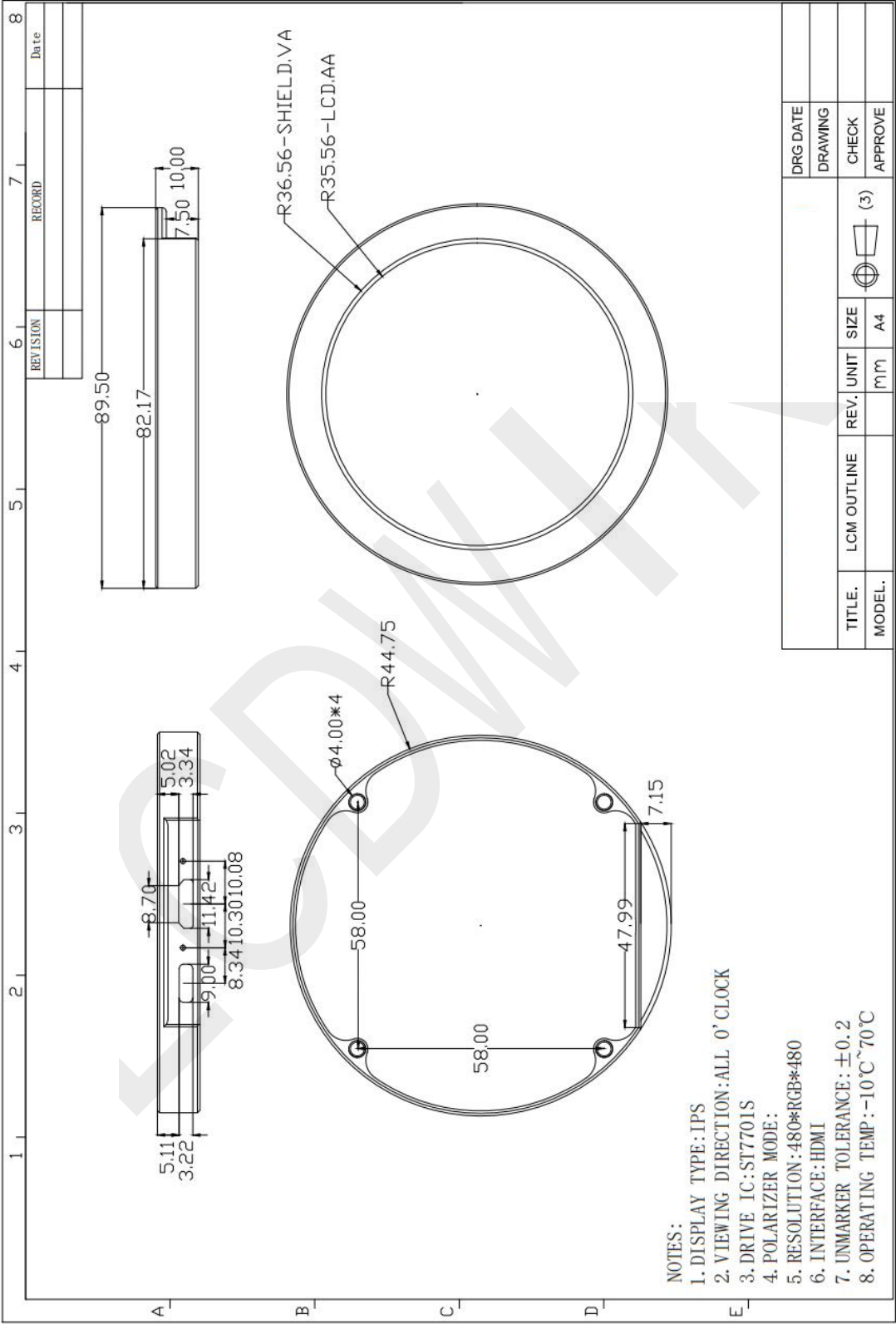
2. PARAMETERS

2.1. TFT LCD Parameters

Item	Parameters	Unit
Panel Size	2.8	inch
Panel Type	IPS	-
Resolution	480 x 480(RGB)	pixels
Active Area	70.13(W) x70.13(H)	mm
Pixel Pitch	0.1461(H) X RGB X 0.1462(V)	mm
View Angle	ALL 0' CLOCK	deg
Luminance(TYP)	250	cd/m ²
Backlight Type	White LED	-
Operation Temperature	-20~70	°C
Storage Temperature	-30~80	°C
Outline Size	89.50(W) × 89.50(H)× 10.00(T)	mm
Video Input Interface	Mini-HDMI	-
Power Interface	Type-C-USB	-
Power Voltage	5.0	V
Total Power	0.9	W
Weight(including package)	175	g

3. SIZE DRAWING

3.1. MPC2809 Size Drawing



4. INTERFACE AND KEY

4.1. Interface Description

Symbol	Function Description
Backlight	Use the card pin to insert into the switch inside the press hole to adjust the brightness, press once to increase the brightness by 10%, long to turn off the screen
POWER	Use the Type-C-USB connection cable to connect the interface, which is only used for power supply.
HDMI	For HDMI high-definition video input, connect the main device with a Mini HDMI cable