

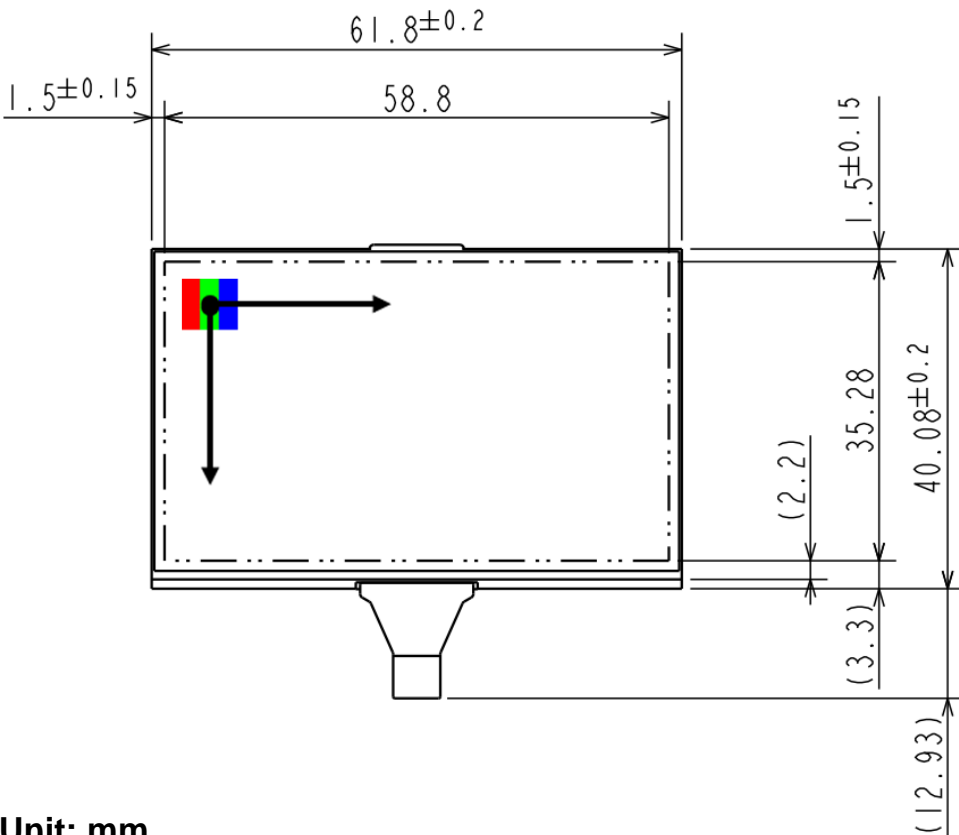
2.7" MIP Reflective Color LTPS TFT LCD

LPM027M128B

As of 2017.05.10

Features:

- Ultra low power consumption
- 8 colors, SPI I/F
- Super high reflectance (19%)
- Ultra slim & compact design



Sample Available

		Spec
General	LCD type	ECB, Full Reflective
	Diagonal size	2.70"
	Resolution	400RGBx240
	Active area	58.8mm(H) x 35.28mm(V)
	Pixel Pitch	49um(H) x 147um(V)
	PPI	172.8
Electrical	Interface (Note-1)	SPI Max refresh frequency (6.5) Hz
	Power Supply	VLCD=3V
	Power Consumption (Note-2)	Typ. 5μW @ MIP Static Image Typ. 30μW @MIP 1fps Image Refresh Typ. (180μW) @6.5fps Image Refresh
Optical	Color gamut	Typ. 23% (NTSC ratio)
	Contrast ratio	(Typ.40:1)
	Number of colors	8 (1bit)
	Reflectance	19%
Mechanical	Glass size	61.8mm(H) x 40.08mm(V) x 1.0mm(T)
	Module structure	LCD panel + FPC
	Module dimensions	61.8mm(H) x 40.08mm(V) x (1.41)mm(D)
Feature	Feature	Memory In Pixel
Schedule	Sample	Available

Note-1: Room Temperature, 3V drive

Note-2: Room Temperature, White Image

Unit: mm