

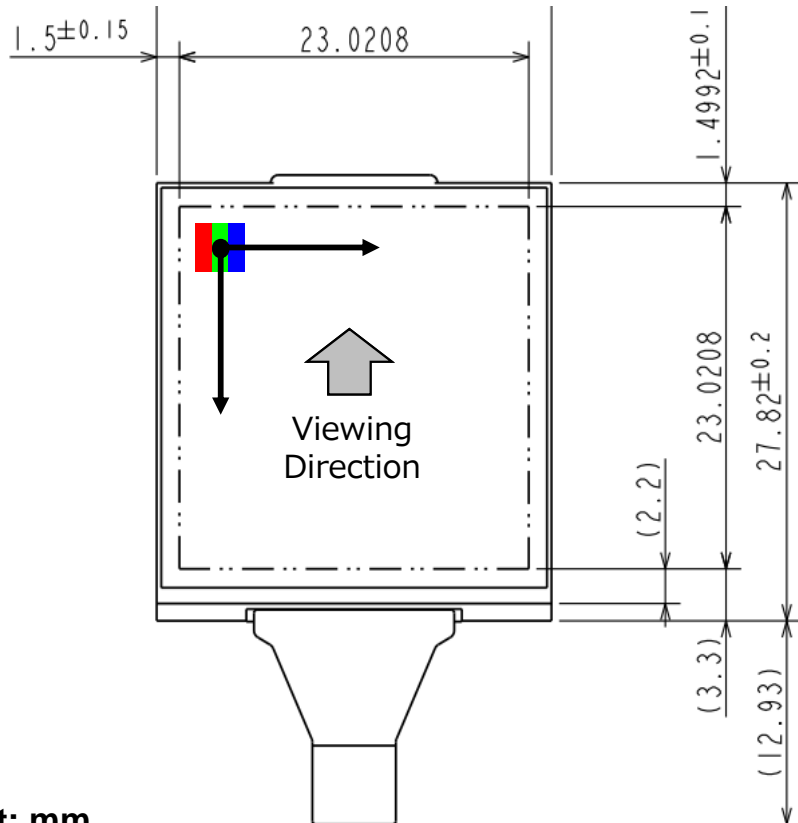
# 1.28" MIP Reflective Color LTPS TFT LCD

LPM013M126A

As of 2017.05.09

## ➤ Features:

- Ultra low power consumption
- 8 colors, SPI I/F
- Super high reflectance (26%)
- Ultra slim & compact design



## MP now

	MP now	Spec
<b>General</b>	LCD type	ECB, Full Reflective
	Diagonal size	1.28"
	Resolution	176RGB(H) x 176(V)
	Active area	23.0208mm(H) x 23.0208mm(V)
	Pixel Pitch	43.6um(H) x 130.8um(V)
	PPI	194ppi
<b>Electrical</b>	Interface (Note-1)	SPI <b>Max refresh frequency 10Hz</b>
	Power Supply	VLCD=3.0V VDD=3.0V
	Power Consumption (Note-2)	Typ. (2μW) @ Static Image Typ. (10μW) @ 1fps Image Refresh Typ. (90μW) @ 10fps Image Refresh
<b>Optical</b>	Color gamut	Typ. 23% (NTSC ratio)
	Contrast ratio	Typ. 30:1
	Number of colors	8 color(R, G,B 1bit)
	Reflectance	Typ. 26%
<b>Mechanical</b>	Glass size	26.02mm(H) x 27.82mm(V) x 0.4mm(T)
	Module structure	LCD panel + FPC
	Module dimensions	26.02mm(H) x 27.82mm(V) x 0.844mm(D)
<b>Feature</b>	Feature	Memory In Pixel
<b>Schedule</b>	Sample	Available

Note-1: Room Temperature, 3V drive

Note-2: Room Temperature, White Image

Unit: mm