



SST03

Fingerprint Identification Factsheet



Operating Conditions of Module

- ✓ Operating temperature : -20°C~70°C
- ✓ Humidity : 5% ~ 95%
- ✓ Atmospheric pressure : 86 kPa ~ 106kPa

Electro-optical Characteristics

Item	Description	規格	Unit
Digital voltage	VDD1.8V	1.8~3.3	V
Sleep current	Sleep	1.6	uA
Working current	Image Capture	2.9	mA
Clock frequency	SPI CLK	12	MHz

Basic Specifications of Module

Item	Typical Value
Sensor IC	Supplier: FPC PN: FPC1228
Identification principle	Capacitive sensing
ID exposed size	Φ10.50*0.68mm
Graphics output primitive	80*64 Pixel
dpi	508
Identification area	4.00*3.2mm
Data interface	SPI
Interrupt wake-up function	Yes
Interrupt wake-up power consumption	1.6uA
FAR/FRR	FRR < 3%, FAR Target 1/50,000
ESD	Air discharge : ±15KV Contact discharge : ±8KV

2D Diagram of Structure and Critical Dimension Requirements

