



SST05

Fingerprint Identification Factsheet

Matt black



SST05 Fingerprint Identification

Operating Conditions of Module

- ✓ Operating temperature : -40°C~85°C
- ✓ Humidity : 5%~95%
- ✓ Atmospheric pressure : 86 kPa ~ 106kPa

Electro-optical Characteristics

Item	Description	規格	Unit
Digital voltage	AVDD	1.8	V
Sleep current	Sleep	1.0~1.6	uA
Working current	Image Capture	2.9	mA
Clock frequency	SPI CLK	<12	MHz

Basic Specifications of Module

Item	Typical Value
Sensor IC	Supplier:Fingerprint card PN:FPC1028
Identification principle	Capacitive sensing
ID exposed size	Φ10.5*0.68mm
Graphics output primitive	80*64 Pixel
dpi	508
Identification area	4*3.2mm
Data interface	SPI
Interrupt wake-up function	Yes
Interrupt wake-up power consumption	80uA
FAR/FRR	FRR<3%, FAR Target 1/50,000
Coating color	Matt black

2D Diagram of Structure and Critical Dimension Requirements

