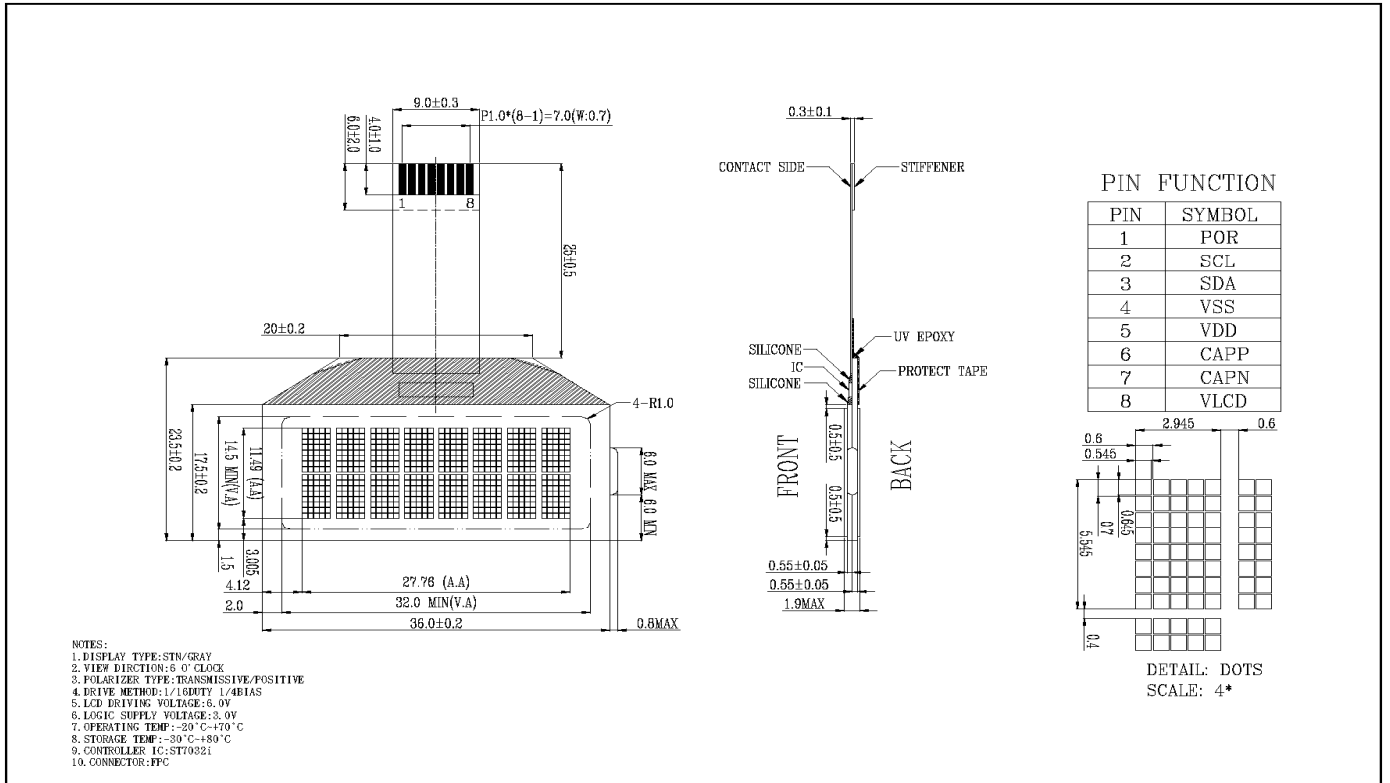


Dimension



FEATURE

1. STN, Positive, Transmissive, Backlight: NA
2. IC: SITRONIX ST7032-0D-G
3. 1/16 Duty, 1/4 Bias, 6 O'clock
4. Display dot: Dark Blue, Background: Gray

INTERFACE FUNCTIONS

Pin NO	Symbol	Function
1	POR	External reset pin.
2	SCL	Serial clock input .
3	SDA	Serial data input
4	VSS	Ground(0V)
5	VDD	Power supply for logic circuit(3V)
6	CAPP	For voltage booster circuit (VDD-VSS)
7	CAPN	External capacitor about 0.1u~4.7uf
8	VLCD	DC/DC voltage converter.

MECHANICAL DATA		
Item	Standard Value	Unit
Module Dimension	36.0(W) × 48.5(H) × 1.9MAX(T)	mm
Viewing Area	32.0MIN(W) × 14.5MIN(H)	mm
Dot Size	0.545(W) × 0.645(H)	mm
Dot Pitch	0.60(W) × 0.70(H)	mm

ABSOLUTE MAXIMUM RATING					
Item	Symbol	Standard Value			Unit
		min	typ	max	
Supply Voltage For Logic	VDD	-0.3	—	+7.0	V
Input Voltage	VIN	-0.3+VSS	—	7.0-VSS	V

ELECTRONICAL CHARACTERISTICS						
Item	Symbol	Condition	Standard Value			Unit
			min	typ	max	
Input Voltage	V _{IH}	H Level	1.9	—	VDD	V
	V _{IL}	L Level	-0.3	—	0.8	
Supply Current	I _{DD}	VDD=3V±5% V0-VSS=6.0V	—	0.18	1.0	mA
Supply Voltage For Logic	VDD	—	2.5	3.0	3.5	V
LCD Drive Voltage	V _{op} =V0-VSS	Ta=-20~70°C	5.5	6.0	6.5	V