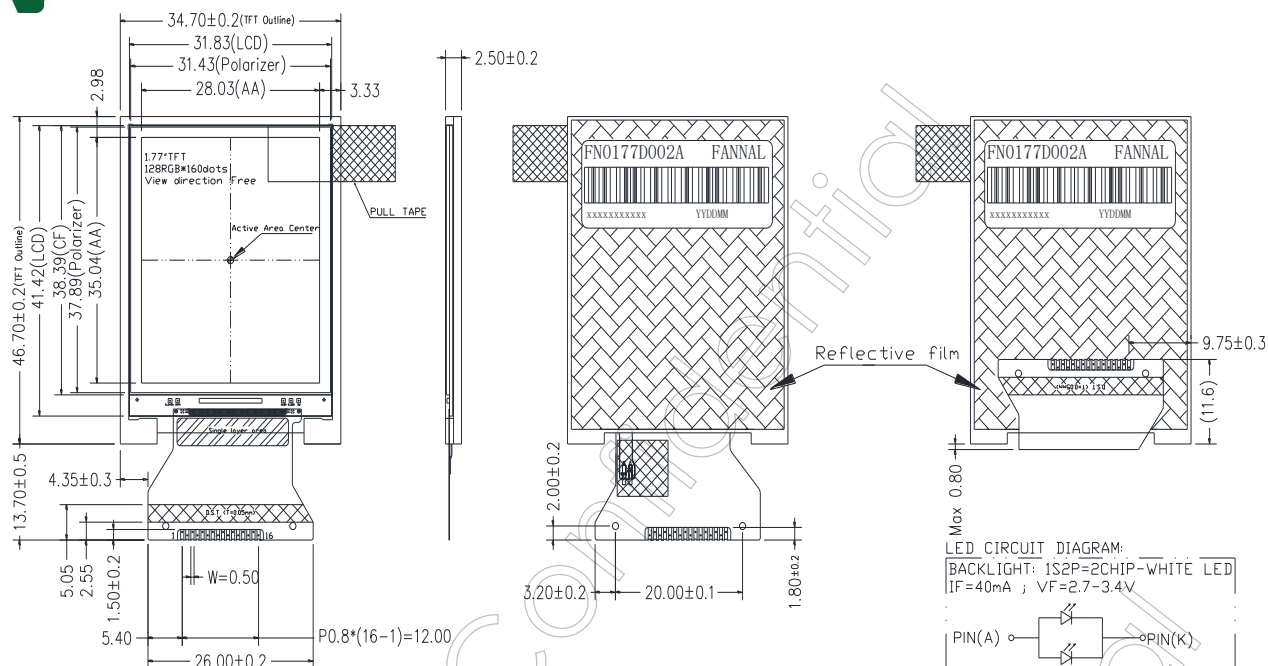




Parameter		Specification			Unit	Pin No.	Symbol	I/O	Description				
LCD size		1.77 (Diagonal)			inch	1	GND	P	Ground.				
Resolution Ratio		128(H)×160(V)			pixels	2	CS	I	Chip select.				
Pixel Pitch		0.219(H)×0.219(V)			mm	3	IOVCC	P	Power supply 1.8V.				
Active Area		28.03(H)×35.04(V)			mm	4	VCC	P	Power supply 2.8V.				
Module Size		34.7(W)×46.7(H)×2.5(D)			mm	5	SCL/SCK	I	SPI interface data clock.				
Display Mode		Normally Black , Transmissive				6	SDA	I	SPI interface data.				
Interface		SPI				7	RS/A0	I	A0= 0 select command;A0=1 select data.				
Pixel arrangement		RGB-Vertical Stripe				8	RESET	I	Hardware reset.				
View Direction		ALL			O'clock	9	GND	P	Ground.				
Power Supply		2.8			V	10-11	NC	-	No connection.				
Power Consumption		0.03(Typ.)			W	12	GND	P	Ground.				
Weight		6.0(Typ.)			g	13	SPI4W	I	SPI4W=0, 3-line SPI Enable. SPI4W=1, 4-line SPI Enable. If Not Used, Please fix this Pin at DGND Level.				
Luminance		300(Typ.)			cd/m²	14	LED A	P	Anode of LED backlight.				
Driver IC		ST7735				15-16	LEDK	P	Cathode of LED backlight.				
Operating Temperature		-20~+65			°C								
Storage Temperature		-30~+80			°C								
Parameter		Symbol	Min.	Typ.	Max.	Unit	Parameter		Symbol	Min.	Typ.	Max.	Unit
Power Supply		VCC	2.5	2.8	3.7	V	Forward voltage		VF	2.6	3.0	3.2	V
Power Supply		IOVCC	1.65	1.8	3.7	V	Forward current		IF	-	40	--	mA
Input voltage	H	VIH	0.8VCC	-	VCC	V	LED Lifetime		--	--	20000	--	Hrs
	L	VIL	0	-	0.2VCC	V							
Current Consumption	ICC1	Normal mode	-	5	10	mA							
	ICC2	Sleep mode	-	0.05	0.1	mA							