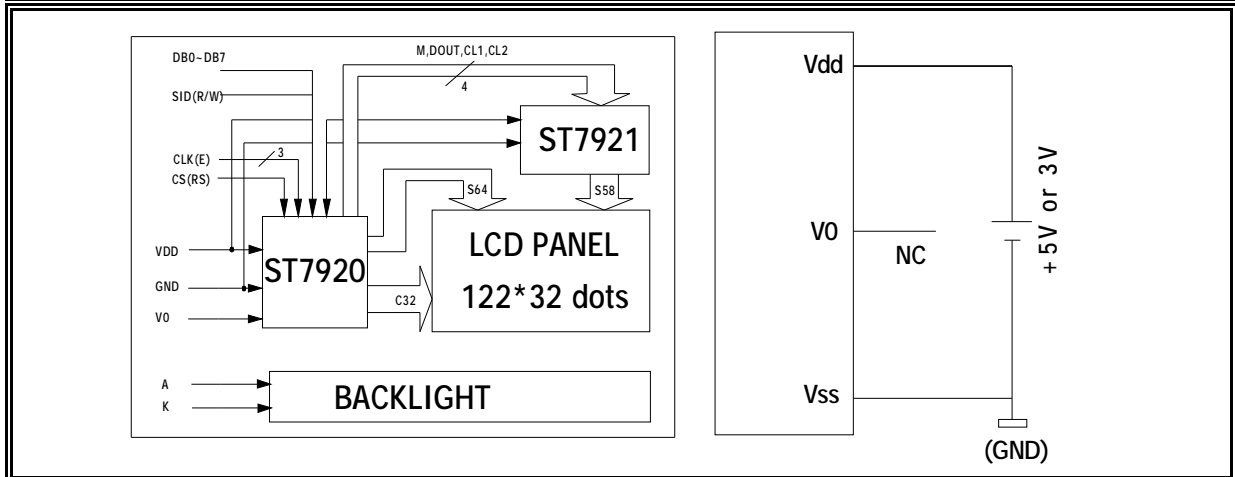
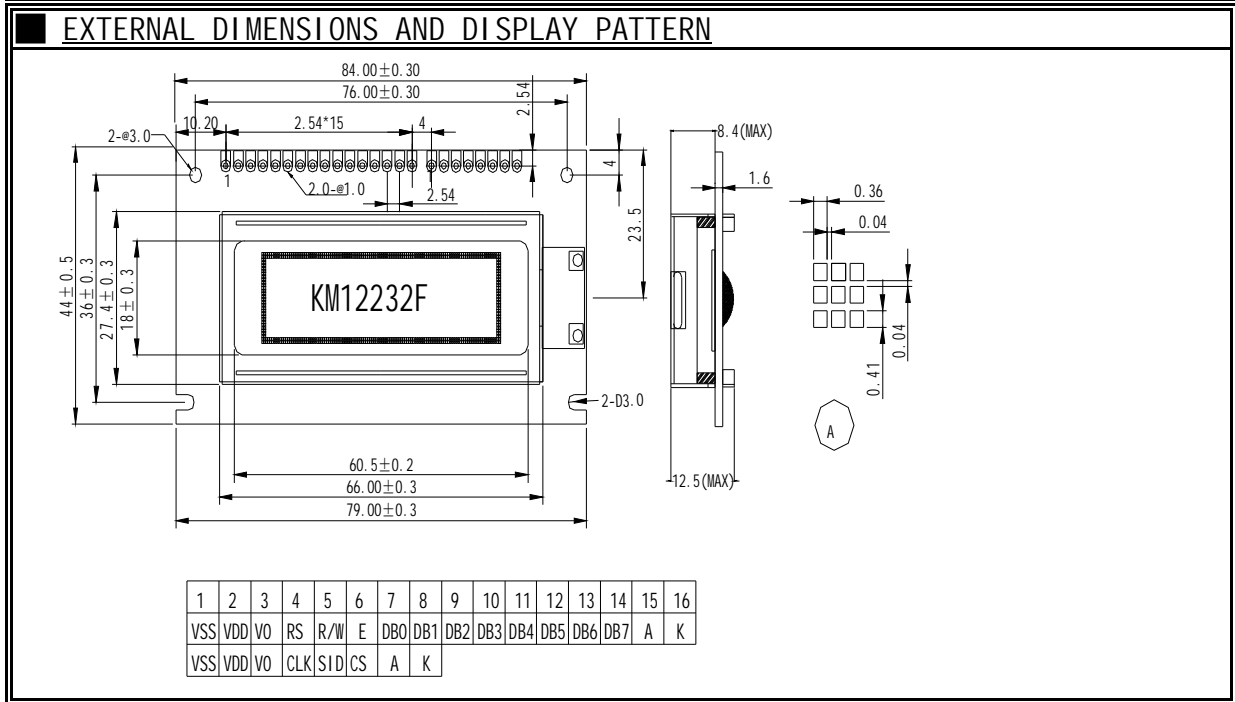


SHENZHEN Wayeah LCD Module								KM12232F	
Option	LCD TYPE				BackLight TYPE			Controller	
	TN	HTN	STN	FSTN	LED	EL	CCFL	ST7920	
			✓		✓				

Mechanical data			Absolute Maximum Rating					
ITEM	W x H x D	Unit	ITEM	Symb.	Min.	Type	Max.	Unit
Module Size	84.0x44.0x12.5	mm	Supply Voltage	VDD	3.0	5.0	5.5	V
View-area	60.5 x 18.0	mm	LCD drive voltage	VO		4.8		V
Respective	122 x 32	dots	Input voltage	Vi	0	0.7VDD	VDD	V
Dot Size	0.36 x 0.41	mm	Operate temp.	Top	0	25	50	°C
Dot Pitch	0.40 x 0.45	mm	Storage temp.	Tsq	-10	25	60	°C



INTERFACE

NO.	NAME	NO.	NAME	NO.	NAME	NO.	NAME	NO.	NAME
1	VSS	7	DB0	13	DB6	1	VSS	7	BLA
2	VDD	8	DB1	14	DB7	2	VDD	8	BLK
3	VO	9	DB2	15	BLA	3	VO		
4	RS	10	DB3	16	BLK	4	CLK		
5	R/W	11	DB4			5	SID		
6	E	12	DB5			6	CS		