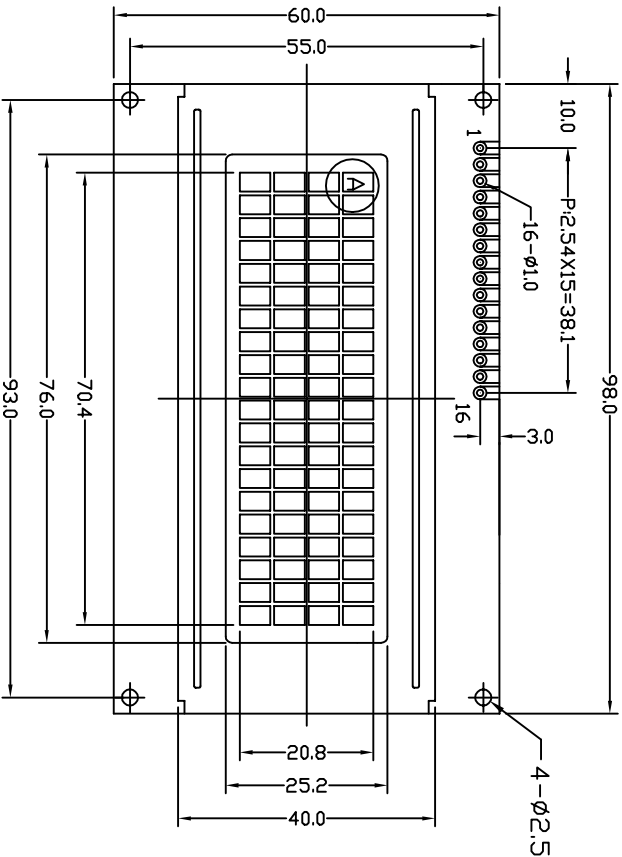
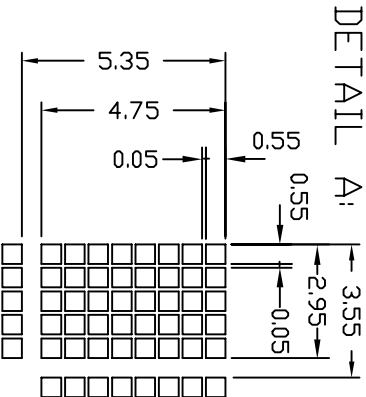
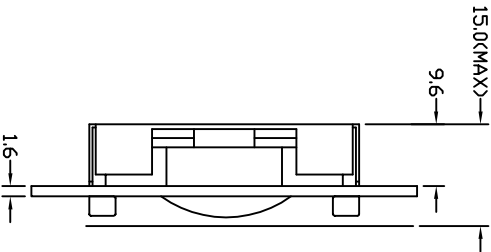


2. Outline Drawing



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
VSS	VCC	Vee	RS	R/W	E	DB0	DB1	DB2	DB3	DB4	DB5	DB6	DB7	LED+	LED-

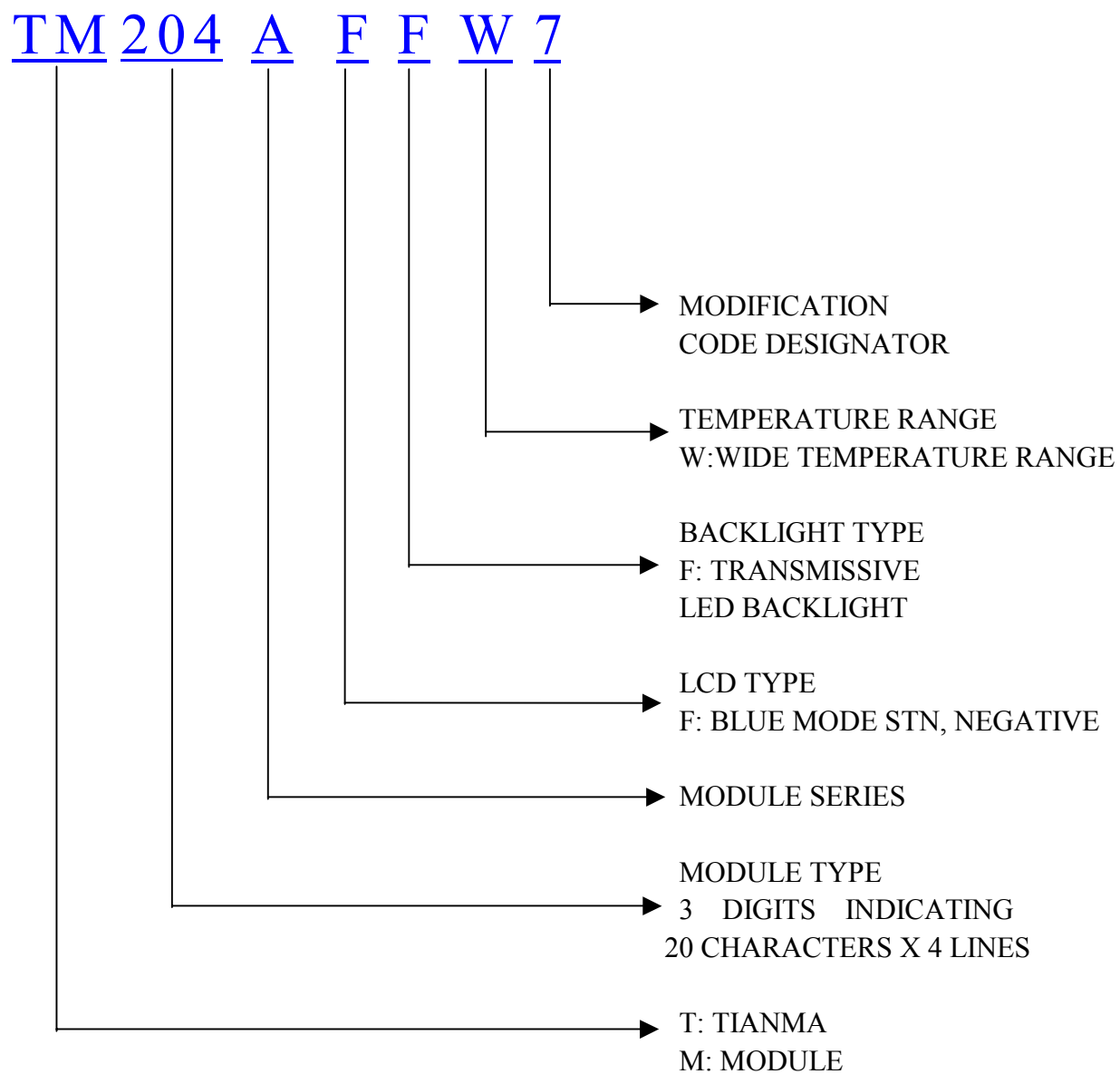
- NOTES:
1. DISPLAY TYPE: STN/BLUE MODE
 2. DRIVE METHOD: 1/16 DUTY 1/5 BIAS
 3. VIEWING DIRECTION: 6:00
 4. POLARIZER MODE: TRANSMISSIVE/NEGATIVE
 5. LCD OPERATING VOLTAGE: 4.7V
 6. OPERATING TEMP: -20°C--+70°C
 7. STORAGE TEMP: -30°C--+80°C
 8. BACKLIGHT TYPE: LED<WHITE,4.0V±0.2,TWO LAMPS>
 9. CONTROLLER: S6A0069X01-COCX(KS0066UP-00CC)
 - 10.BEZEL IS TO BE PAINTED BLACK
 - 11.ALL UNMARKED TOLERANCE:±0.3mm



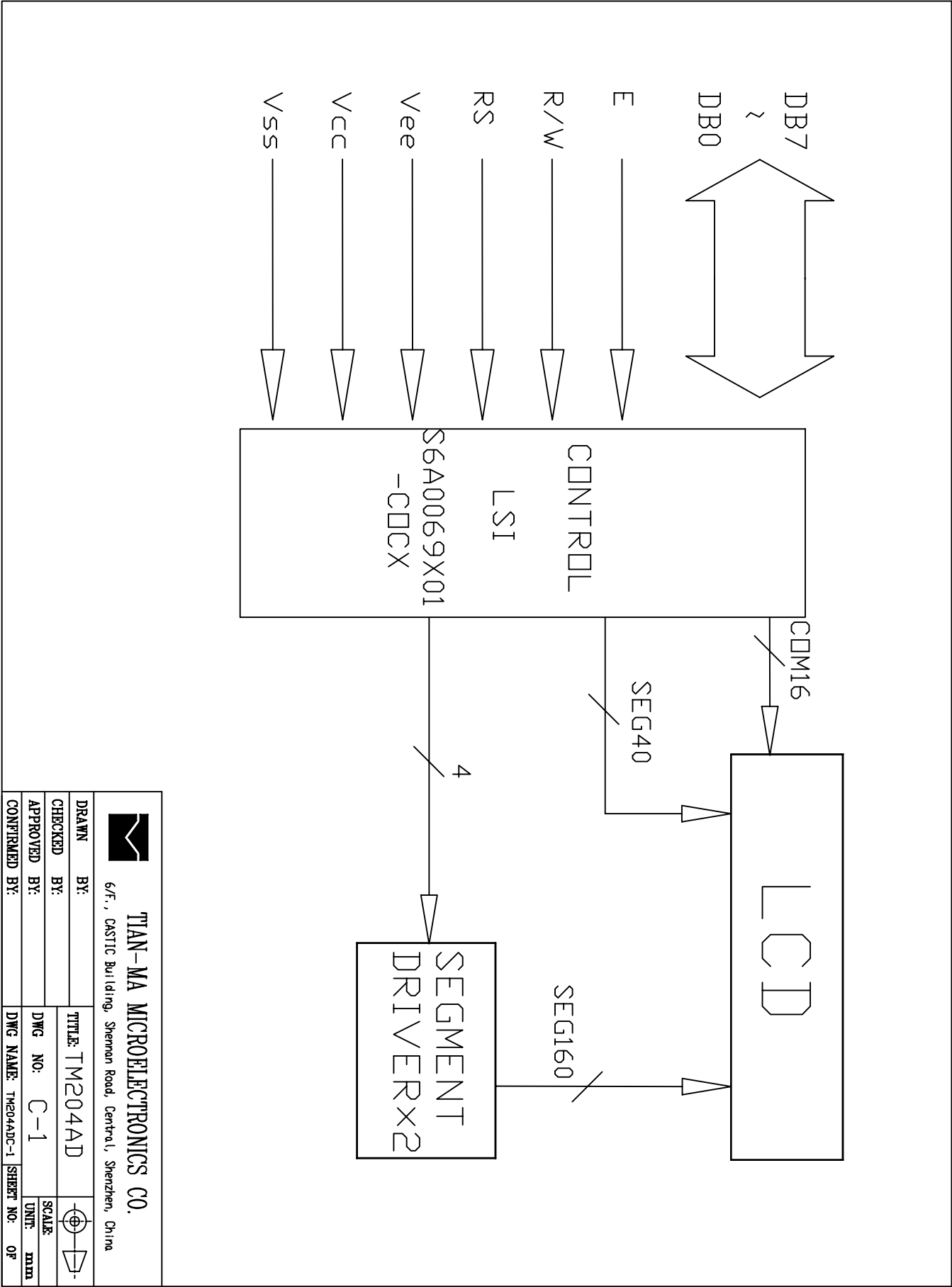
TIAN-MA MICROELECTRONICS CO.
6/F., CASTIC Building, Shennan Road, Central, Shenzhen, China

DRAWN BY:	TITLE: TM2044FFV7	SCALE:
CHECKED BY:	DWG NO: G-1	UNIT: mm
APPROVED BY:	DWG NAME: TM2044FFV7G-1	SHEET NO: 1 OF 1
CONFIRMED BY:		

3. LCD Module Part Numbering System



4. Circuit Block Diagram



5. Absolute Maximum Ratings

Item	Symbol	Min.	Max.	Unit	Remark
Power Supply Voltage	$V_{DD}-V_{SS}$	-0.3	7.0	V	
LCD Driving Voltage	V_{LCD}	-0.3	13.0		
Operating Temperature Range	T_{OP}	-20	+70	°C	No Condensation
Storage Temperature Range	T_{ST}	-30	+80		

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