

MTI Smart LCD Data Sheet

Drawing No: MTI-LCD1PSEM-C-20240401

Date	09/4/2024
Version	C
Status	
Author	
Part No.	MTI-LCD1PSEM-C-20240401

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Note:-This document only view & information's about LCD display. Don't use any image for LCD manufacturing. All image in descaled.

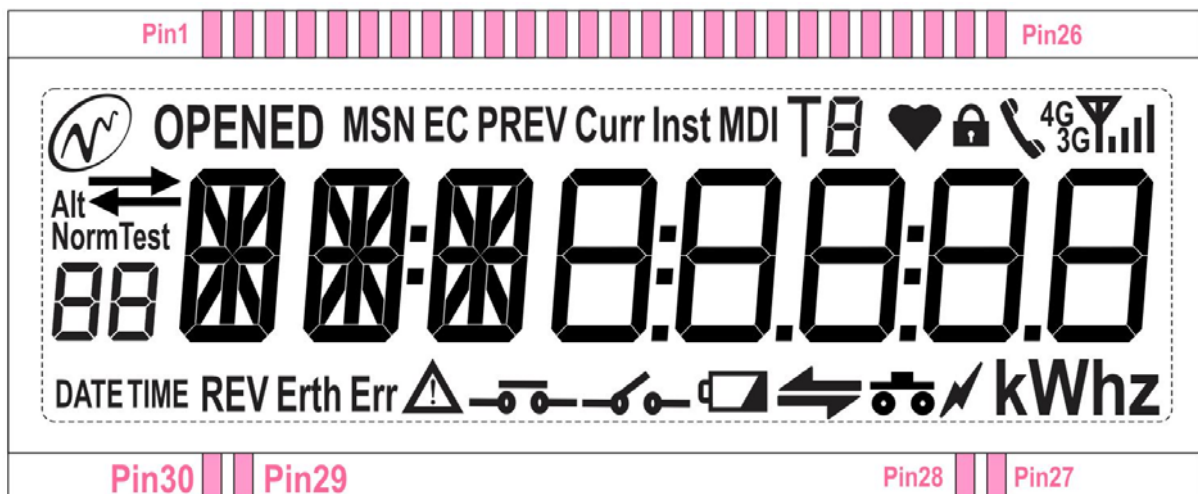
Kindly use attached CAD file (*.DWG) for the LCD design & manufacturing purpose.

1 Specifications

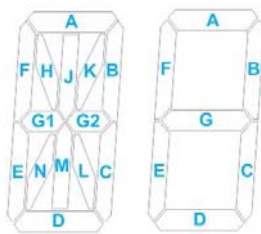
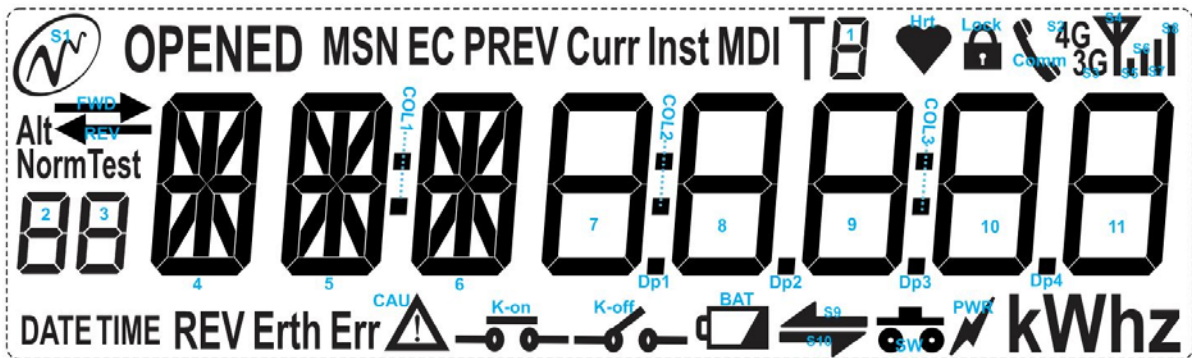
Display Type	TN/Positive	Operating Voltage	3.3V
Viewing Direction	6 o' Clock	Operating Temp	-30 to 85 °C
Polarizer Mode	Reflective	Storage Temp	-30 to 85 °C
Drive Method	1/ 6Duty 1/3 Bias	PIN/Lead Length	PIN/5mm
Unit	mm	PID/RID	522/0

2 Original View

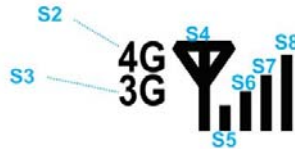
2.1 Front view



3 LCD pin Configuration



Detail of segment

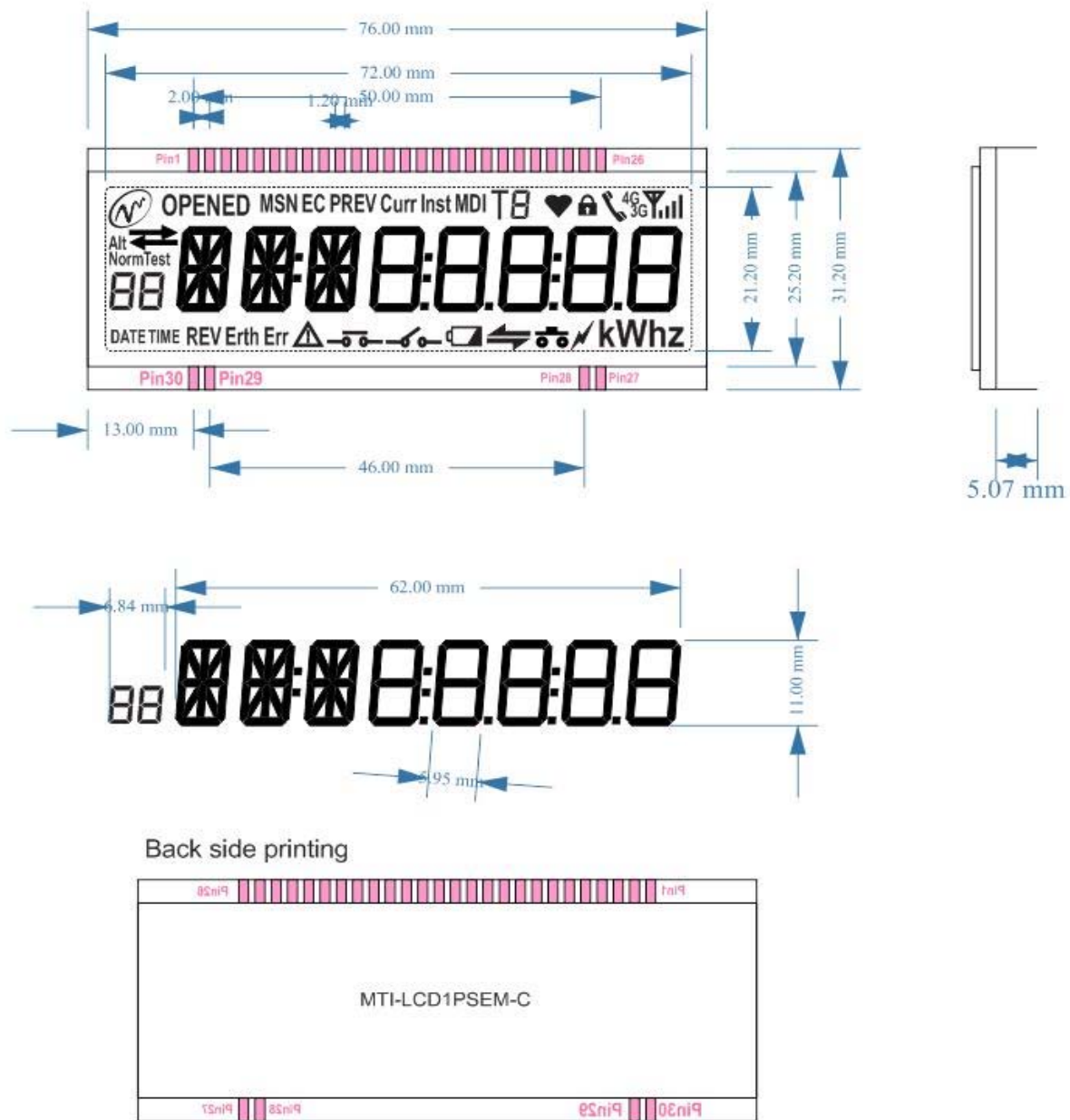


Total segment 24x6=144
Used seg. 143

1. You must not change the COM0 to COM7
2. Please Do not to change the 7SEG & 14SEG segment sequence.

PINS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
COM0	S1	3A	3D	4A	4B	5A	5B	MSN	6A	6B	7A	7D	8A	8D	1A	1D						COM0	9A	9D	10A	10D	11A	11D	2A	2D
COM1	Alt	3B	OPENED	4F	4H	5F	5H	EC	6F	6H	7B	PREV	8B	Inst	1B	T						COM1	9B	Lock	10B	S4	11B	Pwr	2B	Date
COM2	Norm	3C	4E	4J	4K	5J	5K	CAU	6J	6K	7C	Curr	8C	MDI	1C	HRT						COM2	9C	COMM	10C	S5	11C	KW	2C	Time
COM3	Test	3E	4D	4G1	4G2	5G1	5G2	COL1	6G1	6G2	7E	COL2	8E	BAT	1E							COM3	9F	COL3	10E	S6	11E	h	2E	REV
COM4	FWD	3F	4N	4L	5E	5N	5L	6E	6N	6L	7F	Dp1	8F	Dp2	1F	Dp3						COM4	9E	S2	10F	S7	11F	Dp4	2F	Erth
COM5	REV	3G	4M	4C	5D	5M	5C	6D	6M	6C	7G	K-on	8G	K-off	1G	SW	COM5						9G	S3	10G	S8	11G	z	2G	Err

4-Dimensions



Part No. "MTI-LCD1PSEM-C" must be printing on LCD back side