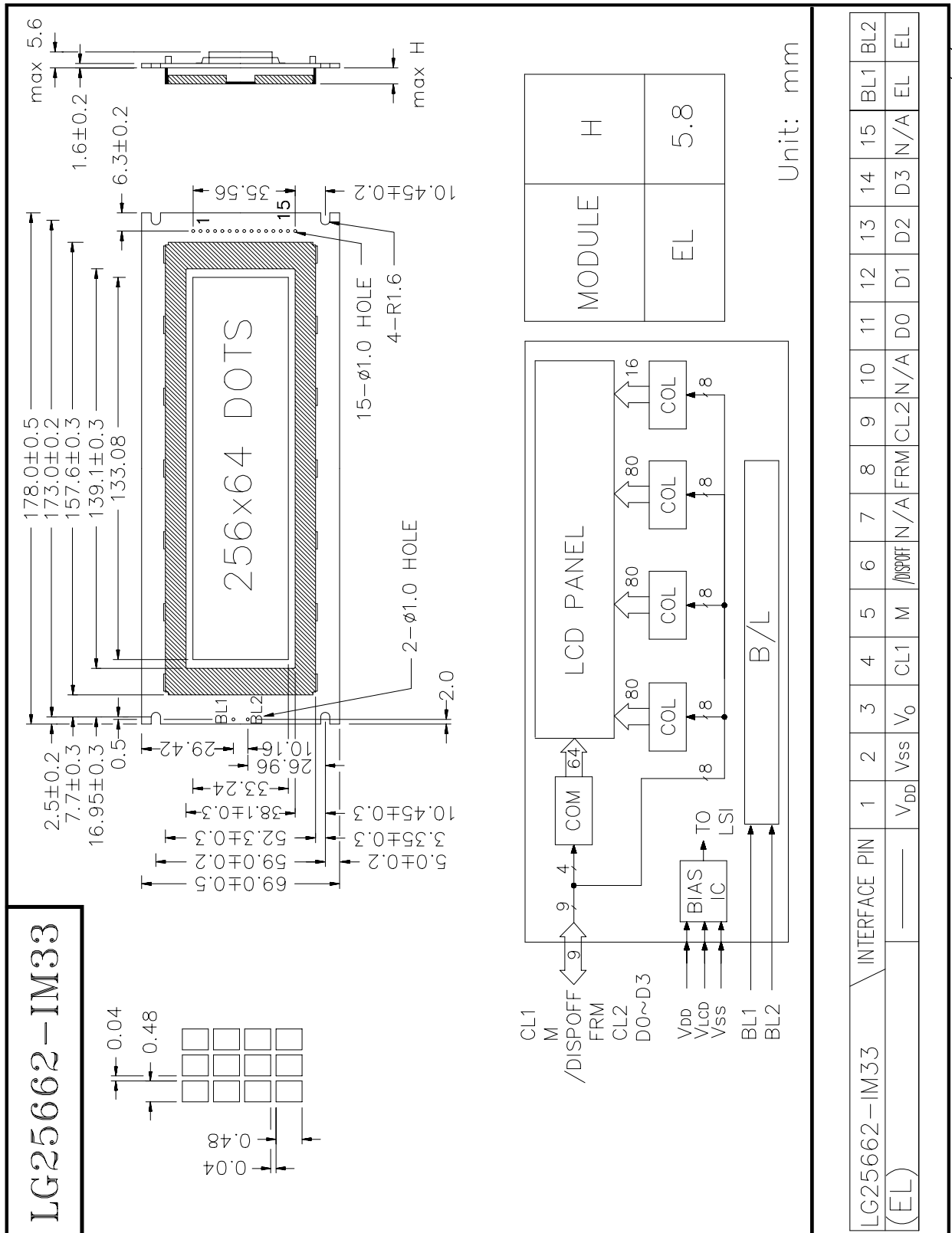


1. LCM Drawing



2. Electrical spec

LG25662-IM33

2 5 6 X 6 4 Dots 1 / 6 4 D U T Y

ELECTRICAL CHARACTERISTICS

T_a= 25°C V_{DD}=5.0+/-0.25 v

Input "High" Voltage (V_{IH})

3.6 V min

Input "Low " Voltage (V_{IL})

1.0 V max

APPLICABLE FOR -LNA

STN
TEMPERATURE
NORMA WIDE

Supply Current, (I_{DD})Typ., mA

15 15

Supply Current, (I_{EE})Typ., mA

5 5

Supply Voltage, (V_{EE})Typ., V

-19 -20

Recommend LCD drive Voltage:

(V_{DD}-V_O)at T_a = -20°C,Volts

N/A 17.7

T_a = 0°C

15.6 16.0

T_a = 25°C

14.2 15.0

T_a = 50°C

13.0 14.2

T_a = 70°C

N/A 13.4

RESPONSE TIME, m SEC

Tr Ta = -20oC

N/A 2200

Ta = 0oC

400 500

Ta = 25oC

100 150

Ta = 50oC

50 N/A

Ta = 70oC

N/A 5

Tf Ta = -20oC

N/A 4700

Ta = 0oC

850 1000

Ta = 25oC

200 200

Ta = 50oC

100 N/A

Ta = 70oC

N/A 50

ABSOLUTE MAXIMUM RATINGS

	<u>NORMAL</u>		<u>WIDE TEMPERATURE</u>	
	<u>MIN</u>	<u>MAX</u>	<u>MIN</u>	<u>MAX</u>
Input Voltage (V _I) V	0	V _{DD}	0	V _{DD}
Supply for Logic (V _{DD} -V _{SS}) V	0	7	0	7
Supply for LCD (V _{DD} -V _O) V	0	23	0	23
Operating Temperature T _{OP} , °C	0	+50	-20	+70
Storage Temperature T _{ST} , °C	-20	+70	-30	+80

OPTION

BACKLIGHT

-BEXX -- EL

INPUT VOLTAGE & CURRENT

100 V_{RMS} (400-800) Hz; 14.0mA

----- **Single +5V Operation** -----

SINGLE +5V OPERATION only

-- not available --

TEMPERATURE COMPENSATION

-- not available --