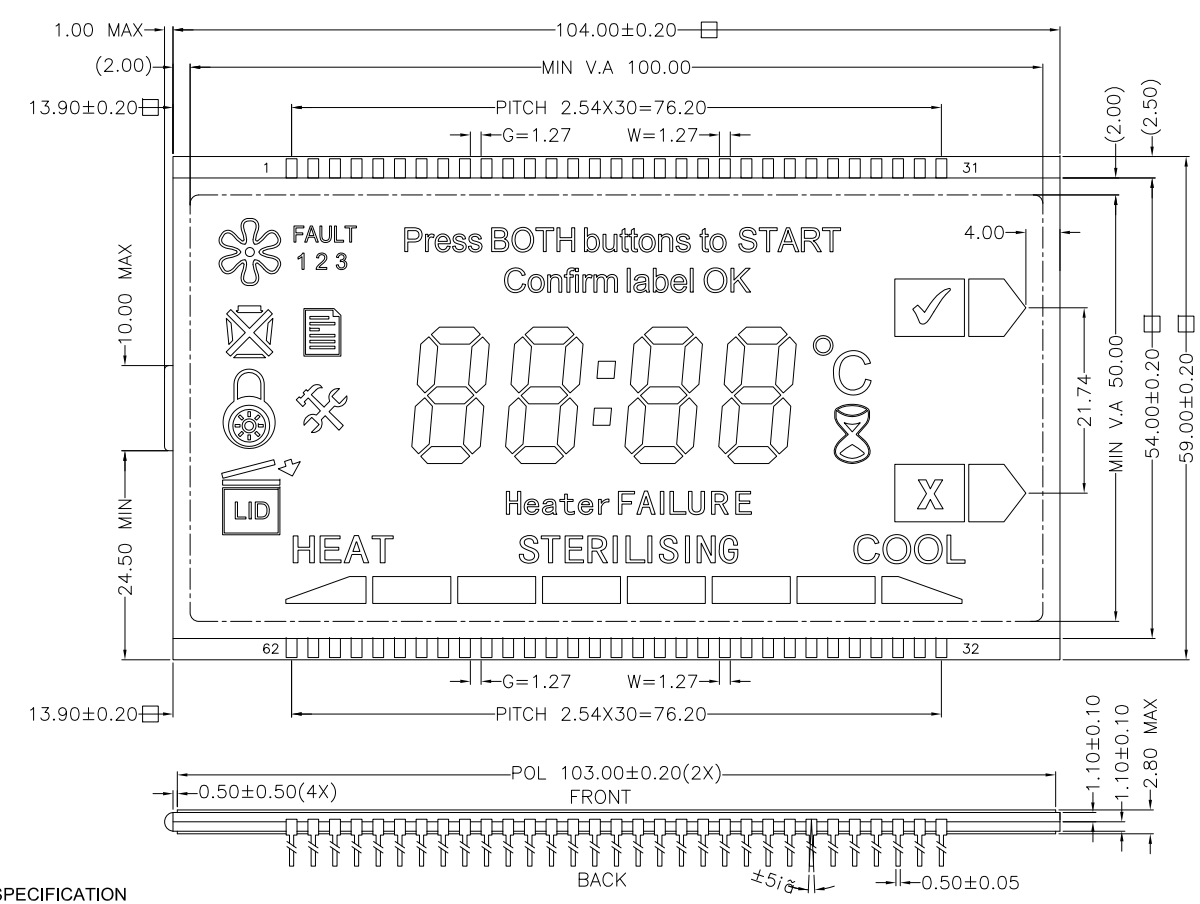
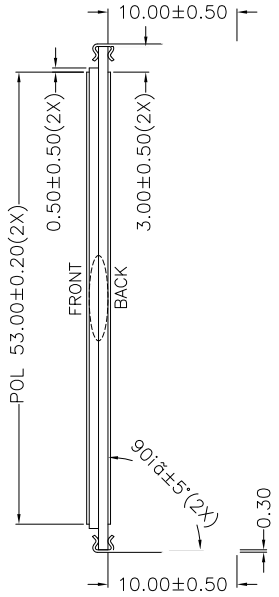




Approved by Beyondinfinite.com

LCD SPECIFICATION

ITEM	PARAMETERS
DISPLAY MODE	TN, POSITIVE
DRIVING METHOD	STATIC
VIEW ANGLE	6 O'CLOCK
CONNECTOR	PIN (LEAD FREE)
OPERATING TEMP	-20°C TO +70°C
STORAGE TEMP	-30°C TO +80°C
POLARIZER TYPE	FRONT: TRANSMISSIVE
	REAR: REFLECTIVE
EU RoHS 2 Compliant	

OPTICAL CHARACTERISTICS		MIN	TYPICAL	MAX	CONDITION
RESPONSE TIME	TR ms	—	TBD	—	AT 25°C
	TF ms	—	TBD	—	
VIEWING ANGLE	θ		TBD		AT 25°C Cr=2.0
	ψ		TBD		

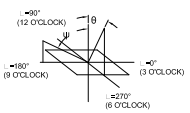
ELECTRICAL PARAMETERS	UNIT	MIN	TYPICAL	MAX	
V(ON)	V	—	—	—	AT 25°C
V(OFF)	V	—	—	—	
OPERATING VOLTAGE V_{ld}	V	3.1	3.3	3.5	
OPERATING FREQ. f_{BP}	Hz	—	TBD	—	
CONTRAST RATIO Cr	-	—	TBD	—	

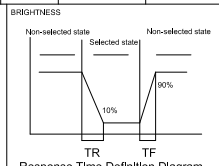
APPLICATION

POLARIZER DIRECTION CONSISTENT WITH THOSE OF POLARIZED SUNGLASS(IF APPLICABLE)

NOTE:

☐ = IMPORTANT DIMENSION





Response TIme Definition Diagram

Rise Time : Time from the non-select state to select state at 90% maximum contrast of the display

Fall Time : Time from the select state to non-select state at 10% maximum contrast of the display

REV	NATURE OF MODIFICATION	CHANGED BY	DATE

UNIT MM

3RD ANGLE

TOLERANCES:
ANGLES ± 1°
.Xmm=± 0.2
.XXmm=± 0.13
.XXXmm=± 0.051

Topovision Technology Co., Ltd

NOT IN SCALE	NAME	DATE	TITLE: PHYSICAL DIMENSION FOR LCD	
DRAFTED BY:	Eli Zhang	2019.04.10	CUST. PART NO.	
CHECKED BY:	Wei Huang	2019.04.10	DWG NO: TVT-6842FTP	REV: 01
APPROVED BY:	Candy Zhang	2019.04.10		1 OF 3