7. Mechanical Characteristics

7.1 Mechanical Specification

RevNo	Revision note	Date

Customer's:

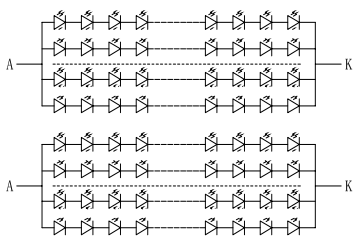
Electronics/Optical Specifications:

	SYMBOL	MIN.	TYP.	MAX.	UNIT	CONDITIONS
Forward Voltage	V_f	--	54	--	V	If=2*800mA
Forward Current	I_f		2*800		mA	If=2*800mA
Power Dissipation	P_d		86.4		W	
Reverse Voltage	V_R			90	V	
Reverse Current	I_R			10	uA	
Luminance	I_V	--	1500	--	cd/m^2	If=2*800mA
Luminous Uniformity		70	75		%	
Chromaticity coordinate	X	0.27	0.30	0.33		If=2*800mA Ta=25° C
	Y	0.27	0.30	0.34		

	SYMBOL	RATINGS
Operating Temperature	Topr	0° C to +50° C
	Tsty	-20° C to +60° C

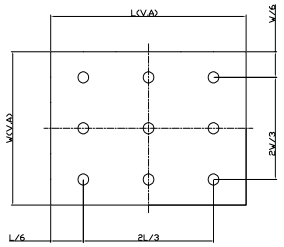
PACKACE DIMENSIONS (UNIT: mm UNMARKED TOLERANCE :±0.50)

电路图:18串8并

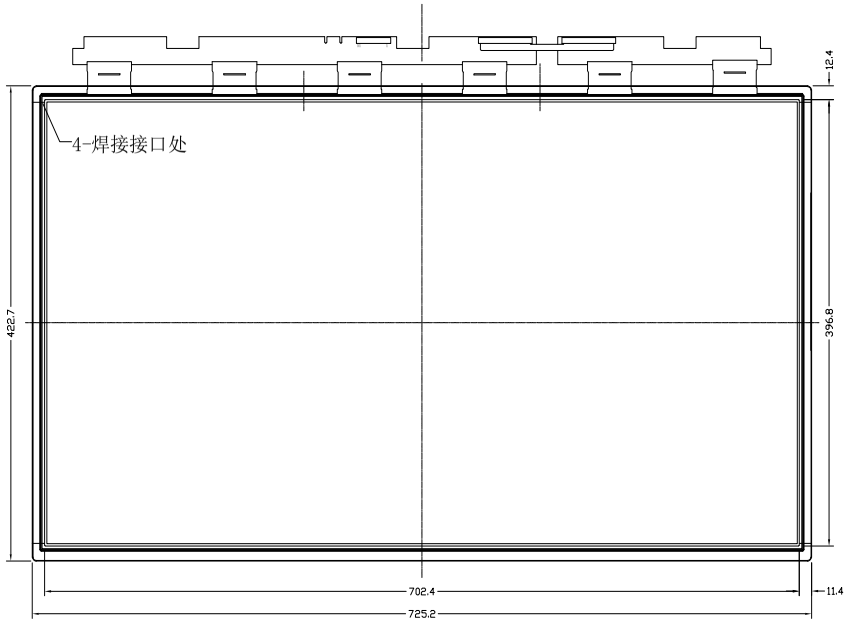


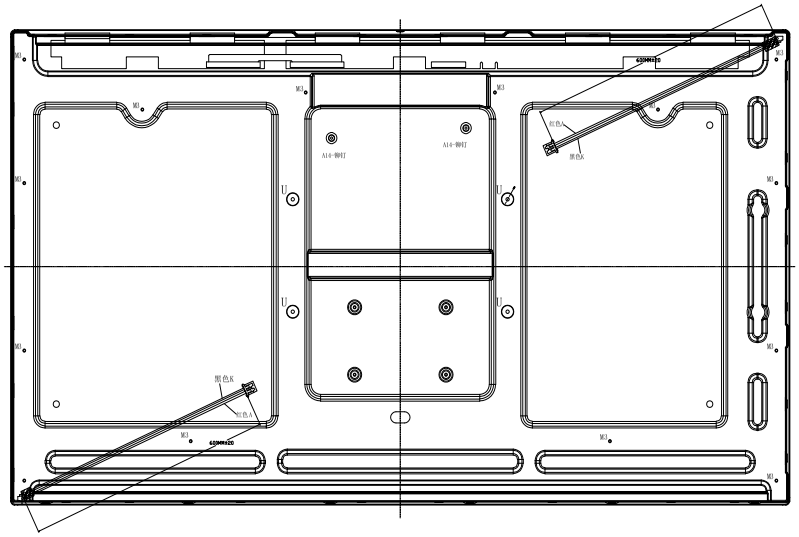
LED数量: 144*2=288Pcs LED

测试点



BM-7 FIELD=1.0ABS D=7.7mm @H=500mm





Drawn By : Chen Pingping	Material : Material		APTUS INTERNATIONAL Co.,LTD
Checked By :	Drawing Date : 2024/11/19	Tolerances : ±0.20	Product : 32 inch module
Confirm By :	FIRST ANGLE PROJECTION	Version : 1.0	Product No. DBT320DHN51L150A