

承 认 书

SPECIFICATION FOR APPROVAL

客户:

CUSTOMER

品 名: 0.8英寸4位白光数码管

DESCRIPTION

型号: JCP-8042BW-1652

MODEL

日 期:

2025.01.05

DATE

承 制 方

MANUFACTURER:

制表 DRAFTING	审核 CHECK	核准 APPROVE

使 用 方

USER:

核准 APPROVE	签章

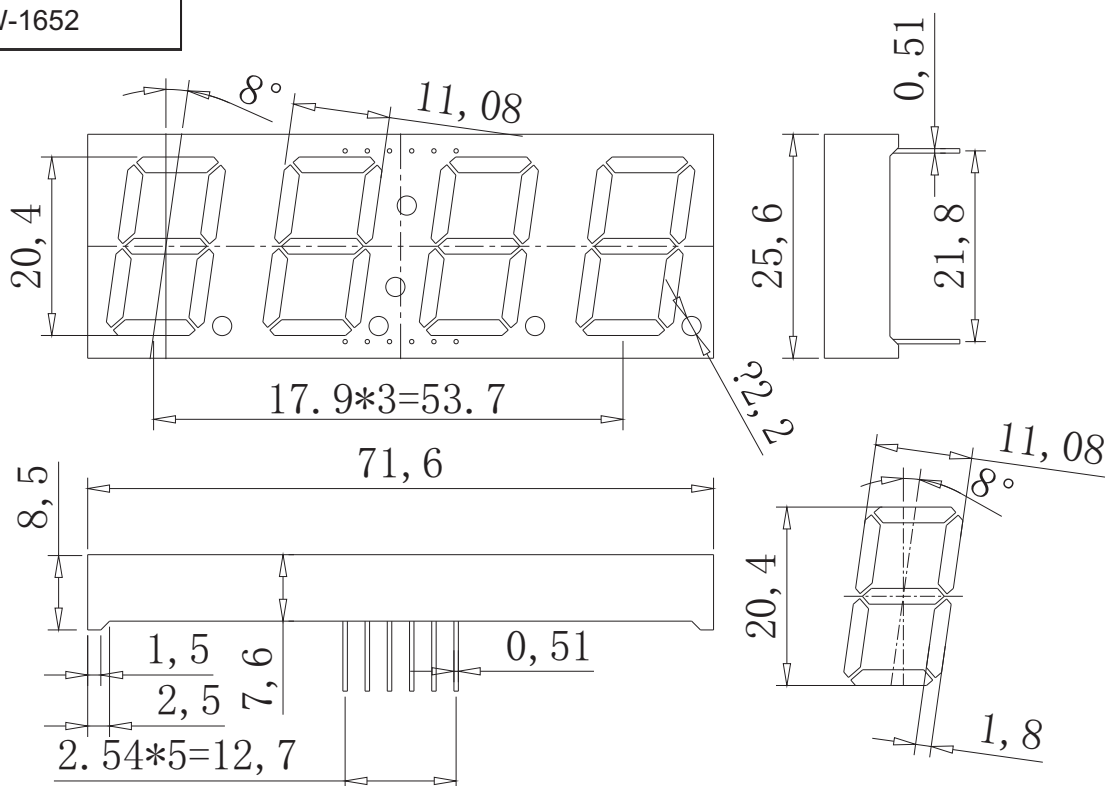
公司名称: 上海彩尚实业有限公司

电话 TEL: 021-22811028

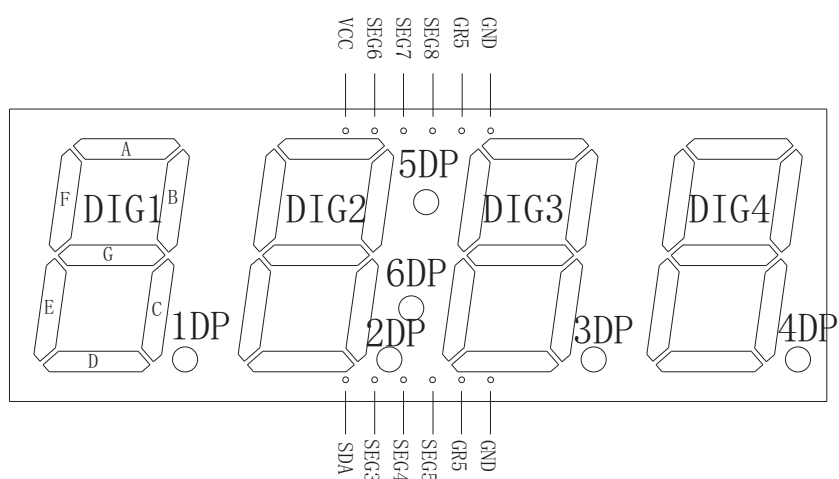
地 址: 中国上海市静安区江场一路45号增美都市工业园区9号楼

PACKAGE DIMENSION

JCP-8042BW-1652

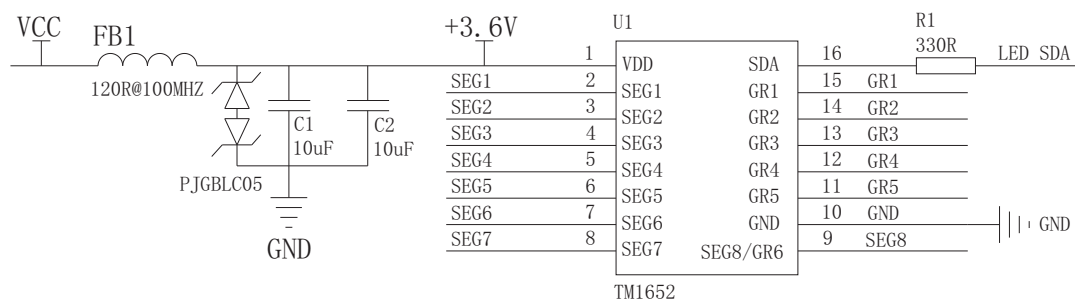


INTERNAL CIRCUIT DIAGRAM

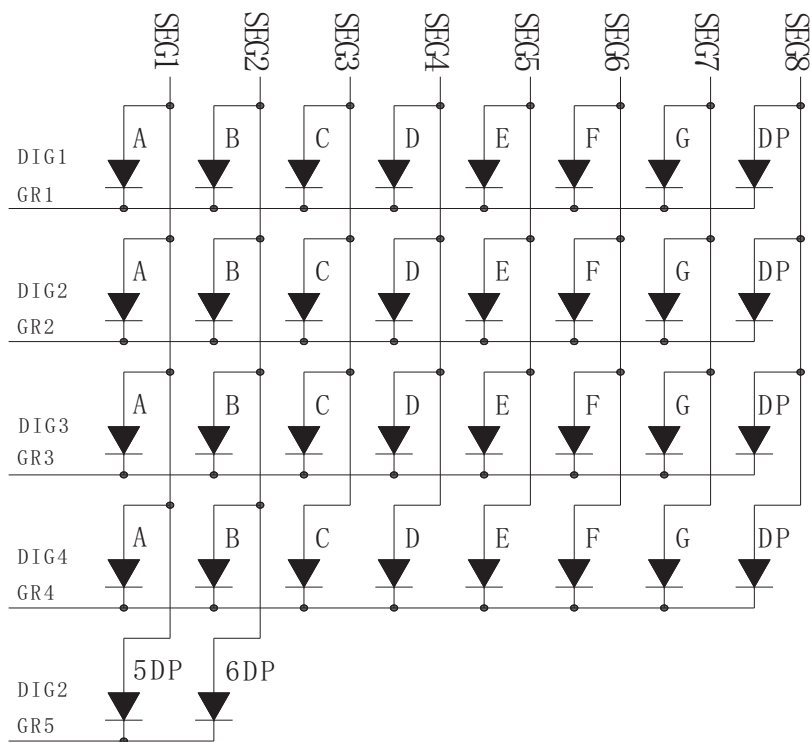


PACKAGE DIMENSION

JCP-8031BW-1652



INTERNAL CIRCUIT DIAGRAM





Absolute Maximum Ratings(Ta=25°C)

Reverse Voltage	5Volt
Reverse Current (Vr=5V)	10 uA
Operating Temperature Range	-40 °C~+85°C
Storage Temperature Range	-40 °C~+100°C
Lead Sold Temperature	(1.6 mm From Body)260°C For 3 second

Electro/Optical Characteristic(Ta=25°C)

Optical Characteristic(ATTA=25°C)

PARAMETER	SYMBAL				UNIT	CONDITION
		MIN	TYP	MAX		
Forward boltage	VF	2.8		3.1	V	IF =20mA
Peak emission wavelength	CCT		50000		K	IF =5mA
Spectral line haif-w idth	$\Delta\lambda$		8.9		nm	IF =20mA
Average luminous Intensity	IV		250		Wcd	IF =20mA
Reverse Current	IR			10	μa	Vr=10mA
Seg To SegL1. Ratio	IV-M		1.5:1			

(25°C AMBIENT TEMPERATURE UNLESS OTHERWISE NOTED)

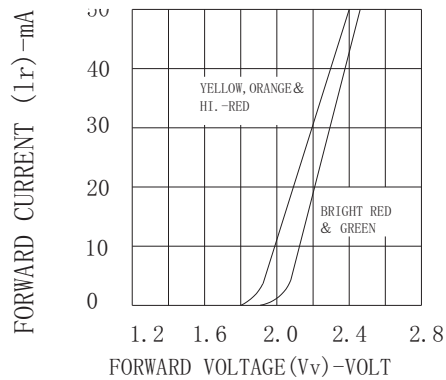


FIG. 1 FORWARD CURRENT Vs. FORWARD VOLTAGE

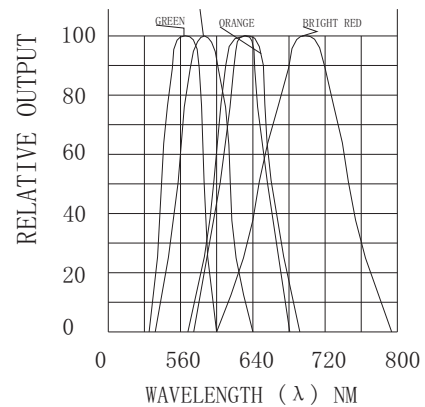


FIG. 2 SPECTRAL RESPONSE

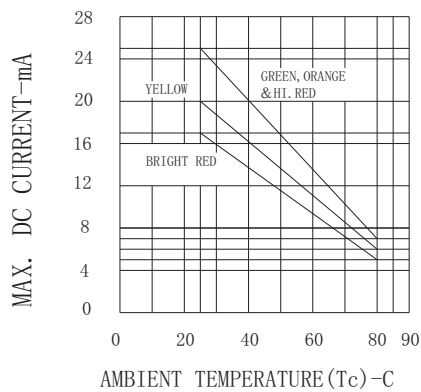


FIG. 4 MAX. ALLOWABLE DC CURRENT PRE SEG. Vs AMBIENT TEMPERATURE

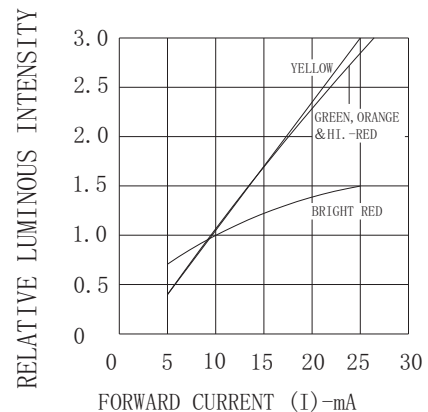


FIG. 3 RELATIVE LUMINOUS INTENSITY Vs FORWARD CURRENT (PER SEGMENT)

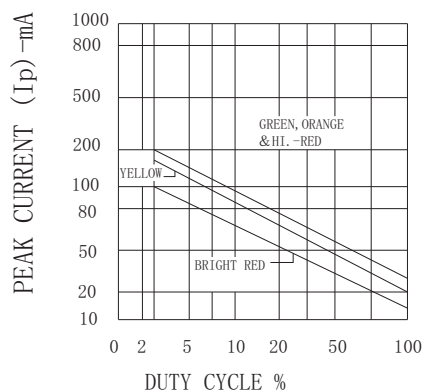


FIG. 5 MAX. PEAK CURRENT Vs DUTY CYCLE% (REFRESH RATE = F 1KHz)

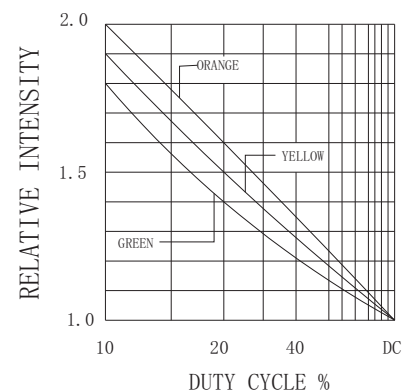


FIG. 6 LUMINOUS INTENSITY Vs DUTY CYCLE% (AVERAGE $I=10$ mA PER SEG.)

物料BOM表

物料BOM表 MaterialName			单位 Unit	供应商 Vendor
1	反射盖 (REF)	PP0	PCS	华大, 南化, 威利广
2	PCB线路板	CEM3/FR4	PCS	华大, 南化, 威利广
3	导针 (PIN)	铜包钢镀锡 0.51*10.28*0.72	PCS	振鑫, 凯修
4	SMD0603	金板金线	PCS	三安, 圆融,
5	环氧树脂	7002AB	g	惠利, 三通
6				