

承 认 书

SPECIFICATION FOR APPROVAL

客户： 乔山

CUSTOMER _____

品名： 0.4英寸4位8字共阴白光内置芯片数码管

DESCRIPTION _____

型号： JCP-4041AW-1652

MODEL _____

日期： 2025.07.30

DATE _____

承 制 方

MANUFACTURER:

制 表 DRAFTING	审 核 CHECK	核 准 APPROVE
李 丽	肖孟飞	

使 用 方

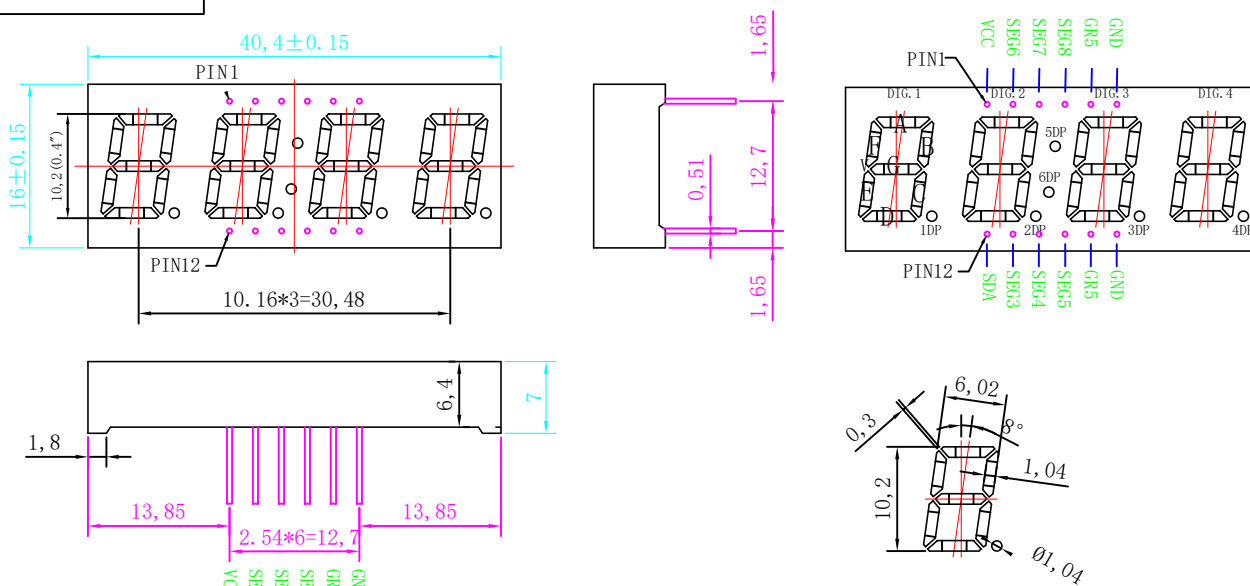
USER:

核 准 APPROVE	签 章

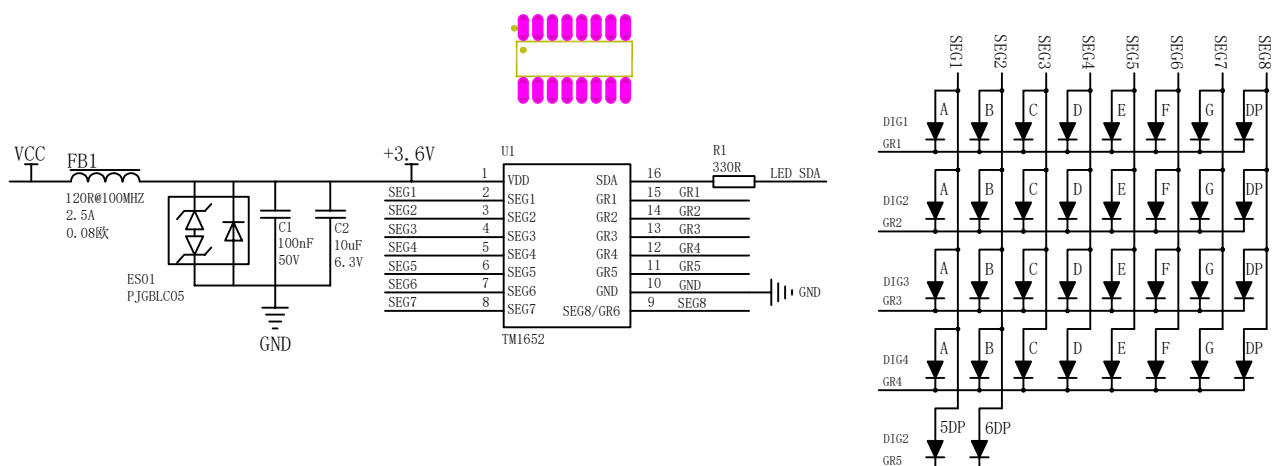
公司名称 上海彩尚实业有限公司 电话 TEL 021-22811028
中国上海市静安区江场一路45号增美都市工业园区9号楼
地 址 _____

PACKAGE DIMENSION

JCP-4041AW-1652



INTERNAL CIRCUIT DIAGRAM



Absolute Maximum Ratings(Ta=25° C)

Reverse Voltage	5V
Reverse Current(Vr=5V)	10μA
Operating Temperature Range	-40℃~+85℃
Storage Temperature Range	-40℃~+100℃
Lead Solder Temperature	(1.6mm From Body)260℃ For 3 second

Electro/Optical Characteristic(Ta=25℃)

Optical Characteristic(ATTA=25℃)

PARAMETER	SYMBOL				UNIT	CONDITION
		MIN	TYP	MAX		
Forward voltage	VF	2.8		3.2	V	IF=20mA
Peak emission wavelength	CCT		90000K		nm	IF=20mA
Spectral line half-width	Δλ		30		nm	IF=20mA
Average Luminous Intensity	IV		250		Mcd	IF=20mA
Reverse Current	IR			10	μa	Vr=10mA
Seg. To Seg. L1. Ratio	IV-M		1.5:1			

(25°C AMBIENT TEMPERATURE UNLESS OTHERWISE NOTED)

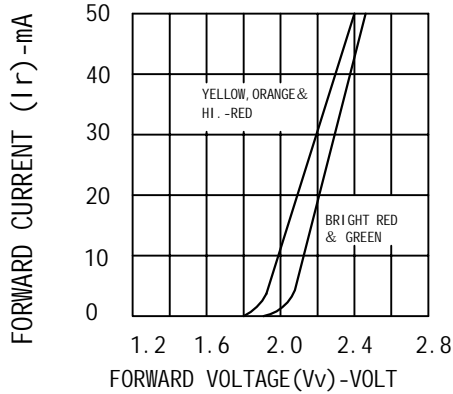


FIG. 1 FORWARD CURRENT Vs, FORWARD VOLTAGE

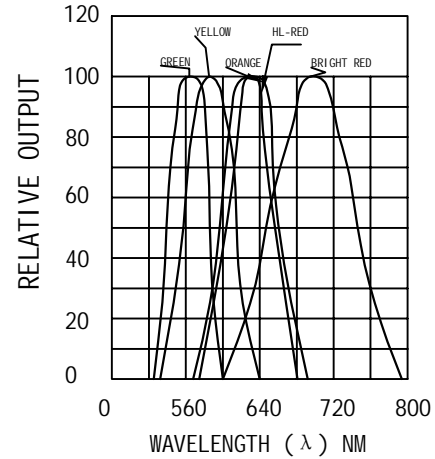


FIG. 2 SPECTRAL RESPONSE

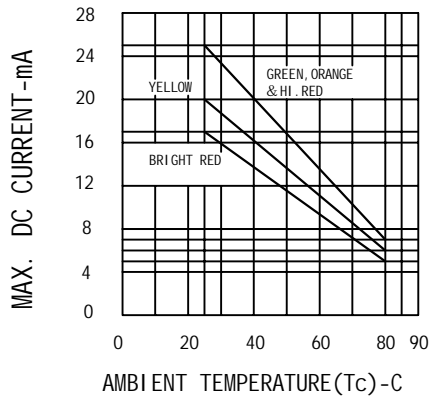


FIG. 4 MAX. ALLOWABLE DC CURRENT PRE SEG. Vs AMBIENT TEMPERATURE

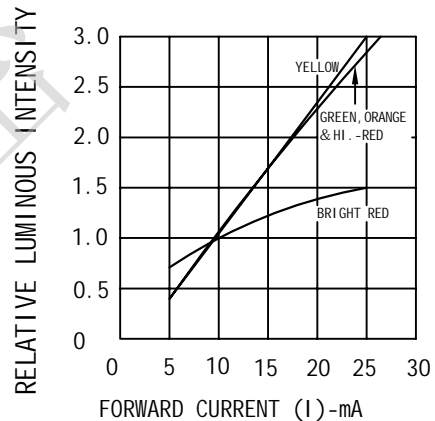


FIG. 3 RELATIVE LUMINOUS INTENSITY Vs FORWARD CURRENT (PER SEGMENT)

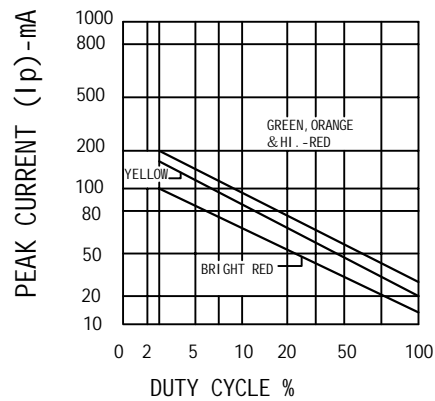


FIG. 5 MAX. PEAK CURRENT Vs DUTY CYCLE% (REFRESH RATE -F 1KHz)

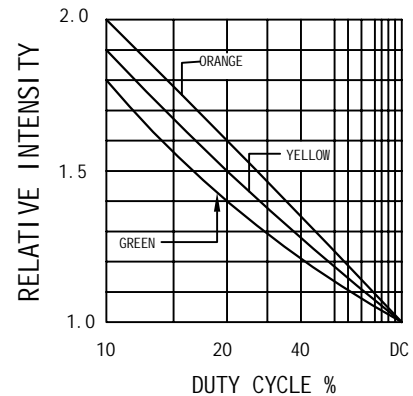


FIG. 6 LUMINOUS INTENSITY Vs DUTY CYCLE5 (AVERAGE I=10mA PER SEG.)