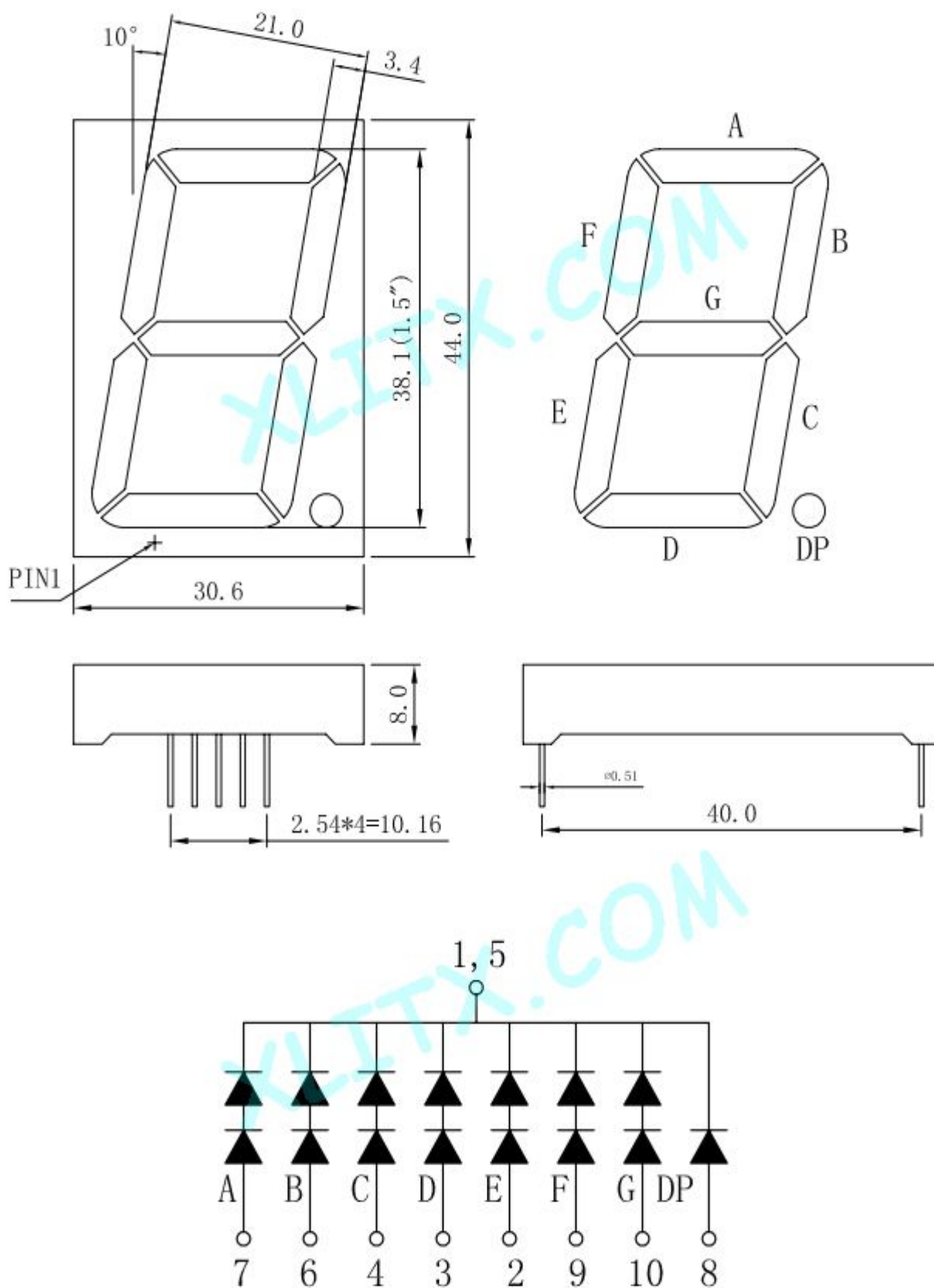




Model :	18102AGG
Size :	1.80-inch
Emitting color :	Green
Mode :	Common-Cathode (CC)
Digit :	1-Digit
Category :	LED 7-Segment Display
Maker :	XLITX Technology

Prices : \$1.93 = 50 Pieces \$1.05 = 300 Pieces \$1.01 = 600 Pieces (Free shipping)

Dimension & Diagram



Green Electro-Optical Parameter

1. Electro-Optical Characteristics(Ta=25°C)

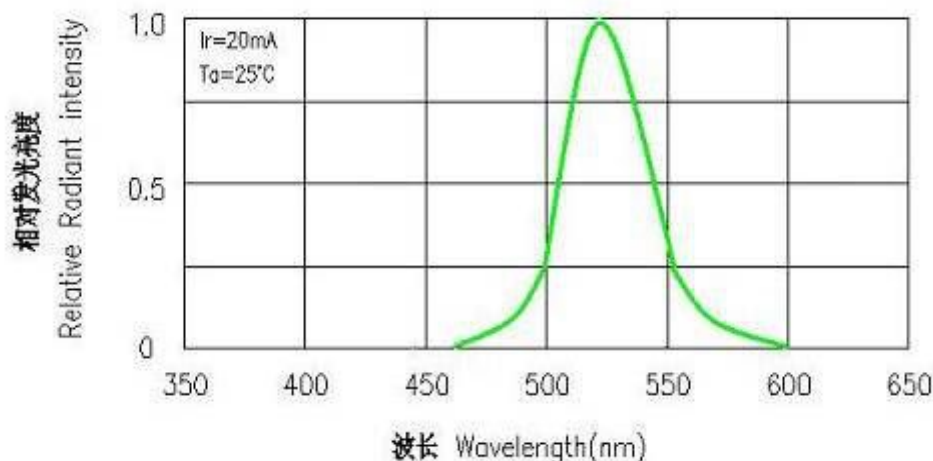
PARAMETER	SYMBOL	DEVICES (Green)		UNIT	TEST CONDIONS
		TYP	MAX		
Peak Emission Wavelengrth	λ_p	525		nm	IF=10mA
Forward Voltage	VF	3.5		V	IF=10mA
Reverse Current	IR		50	μ A	VR=5V
Segment To Segment (Dot To Dot) Luminonous Intensity Ratio	IV-M	1.5:1			IF=20

2. Absolute Maximun Ratings(Ta=25°C)

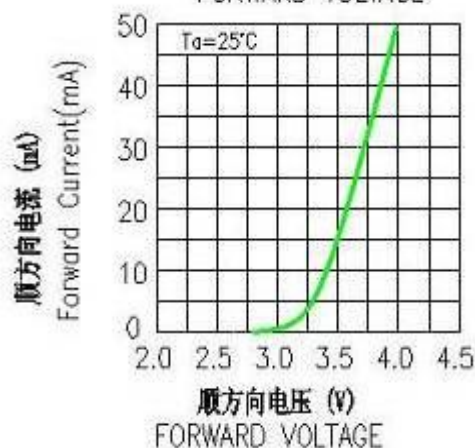
PARAMETER	SYMBOL	DEVICES (Green)	UNIT
Power Dissipation Per Dice	pad	52.5	mw
Derating Linear From 25°C Per Dice		0.27	mA/°C
Continuous Forward Current Per Dice	laf	25	mA
Peak Forward Ourrent Per Dice (Duty Cycle 1/10,10KHz)	lpf	80	mA
Reverse Voltage Per Dice	Vr	5	V
Operating Temperature	Topr	-20°C (to) +75°C	
Storage Temperature	Tstg	-20°C (to) +85°C	
Solder Temperature		1.6 Inch Below Seating Place for 5 seconds at 230°C	

3. Electro-Optical Curve

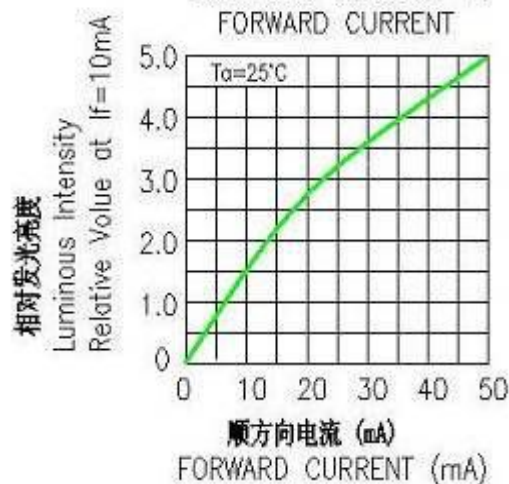
相对亮度与波长 RELATIVE INTENSITY VS WAVELENGTH



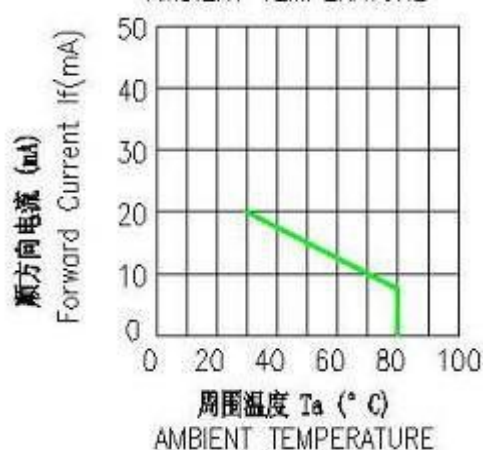
顺电流-顺电压特性
FORWARD CURRENT VS FORWARD VOLTAGE



相对光度-顺电流特性
LUMINOUS INTENSITY VS FORWARD CURRENT



允许顺电流-周围温度特性
ALLOWABLE FORWARD CURRENT
AMBIENT TEMPERATURE



相对光度-周围温度特性
LUMINOUS INTENSITY VS AMBIENT TEMPERATURE

