



YETDA INDUSTRY LTD.

0.5" SINGLE DIGIT ORANGE LED DISPLAY

S-5012ASO21-16.3mm

DESCRIPTION

- * 0.5" (12.70mm) Inch Digit Height.
- * High Bright Orange Display.
- * Grey Face and White Segment Color.
- * Common Anode.

ABSOLUT MAXIMUM RATINGS AT Ta=25°C

Parameter		UNIT
Power Dissipation Per Seg. & Dot	40	mW
Peak Forward Current Per Seg. & Dot	100	mA
Forward current Per Seg. & Dot (Static)	30	mA
Reverse Voltage Per Seg. & Dot	5	V
Operation Temperature Range	-25°C TO +80°C	°C
Storage Temperature Range	-25°C TO +85°C	°C
Lead Soldering Temperature	260°C for 3 seconds 1.6mm(1/16 inch) from body	

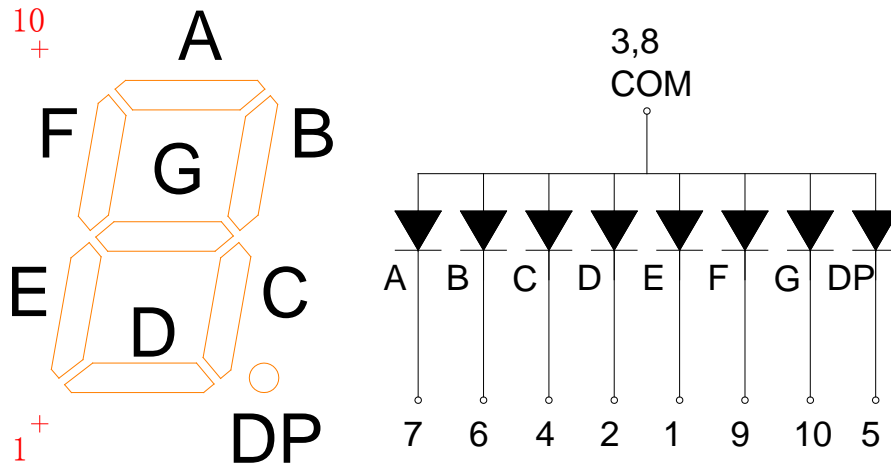
ELECTRICAL/OPTICAL CHARACTERISTIC AT Ta=25°C

PARAMETER	SYMBOL	MIN.	TYP.	MAX.	UNIT	CONDITION
Average Luminous Intensity	Iv	6	10		mcd	If=20mA
Emission Wavelength	λd		605		nm	If=20mA
Forward Voltage Per Seg. & Dot	Vf	1.8		2.5	V	If=20mA
Reverse Current Per Seg.	Ir			10	uA	Vr=5V
Luminous Intensity Matching Ratio	Iv-m			2 : 1		If=20mA

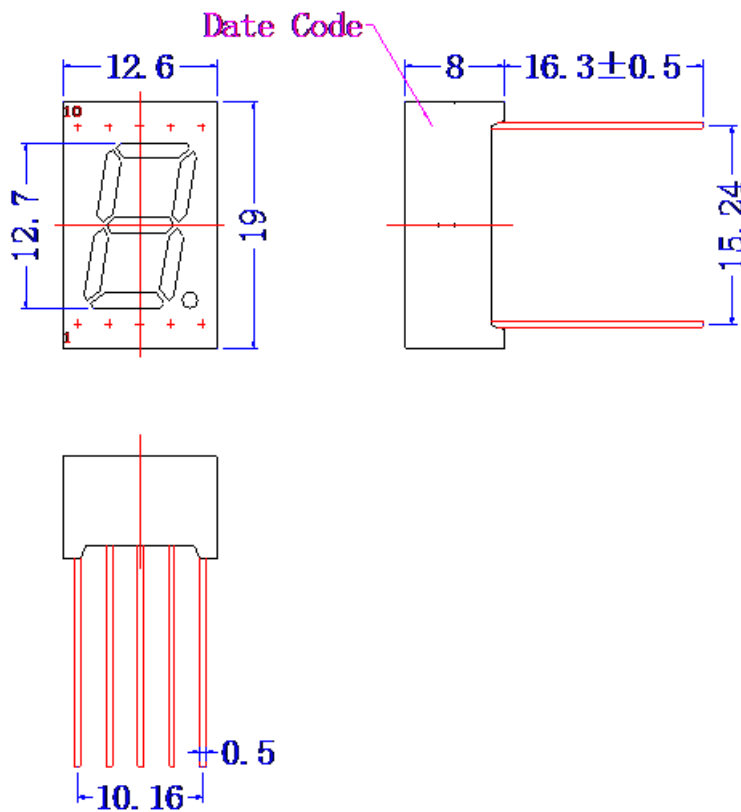


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P.C.B. Pin Connection



Reflector Dimensions



Unit:mm



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Soldering

Manual of soldering

The temperature of the iron tip should not be higher than 260 °C and

Soldering within 3 seconds per solder-land is to be observed

1. DIP soldering (Wave Soldering):

Preheating: 120

°C ~ 150°C within 5 sec. 260°C (Max)

Gradual Cooling (Avoid quenching)

