YETDA INDUSTRY LTD.

0.39” TRIPLE DIGIT SMD LED DISPLAY

T-3932AUF21-SMDxMC-H

DESCRIPTION

0.39” (10mm) Inch Digit Height.

Super Red Display.

Grey Face and White Segment .

Common Cathode

RoHs Compliant

ABSOLUT MAXIMUM RATINGS AT Ta=25°C

Parameter		UNIT
Power Dissipation Per Seg. & Dot	114	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	-40°C TO +120°C	°C
Storage Temperature Range	-40°C TO +120°C	°C
Lead Soldering Temperature	260℃ for 3 seconds 1.6mm(1/16 inch) from body	

ELECTRICAL/OPTOTICAL CHARACTERISTIC AT Ta=25°C

PARAMETER	SYMBOL	MIN.	TYP.	MAX.	UNIT	CONDITION
Average Luminous Intensity	Iv		22		mcd	If=10mA
Emission Wavelength	λ d		625		nm	If=20mA
Forward Voltage Per Seg. & Dot	Vf		2.0	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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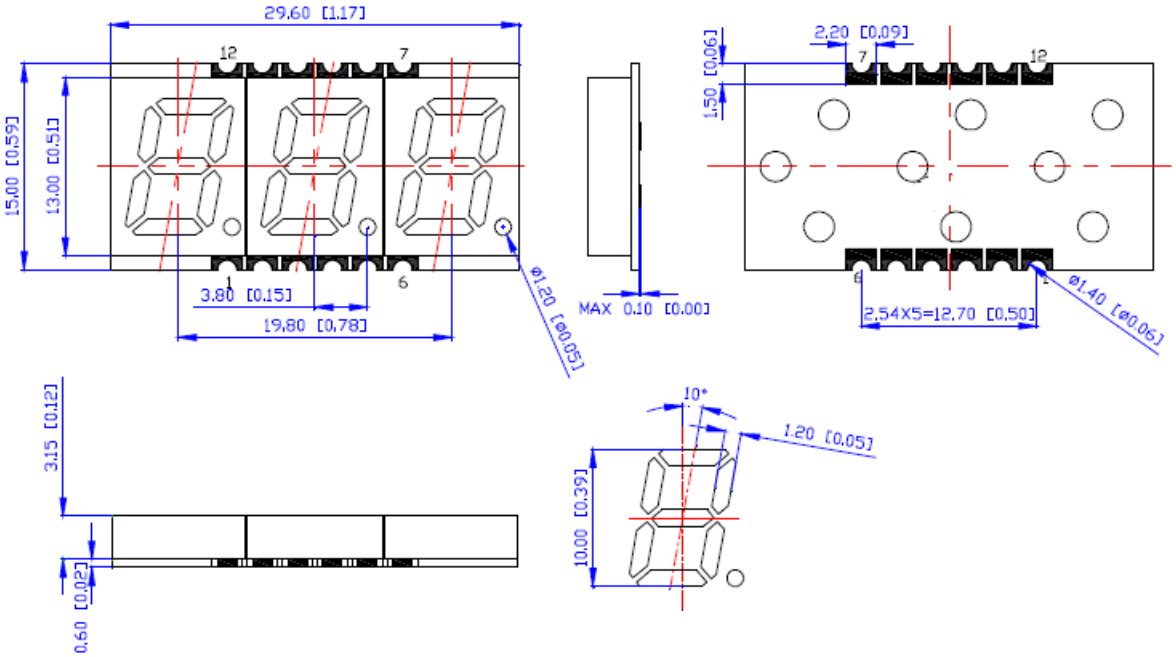
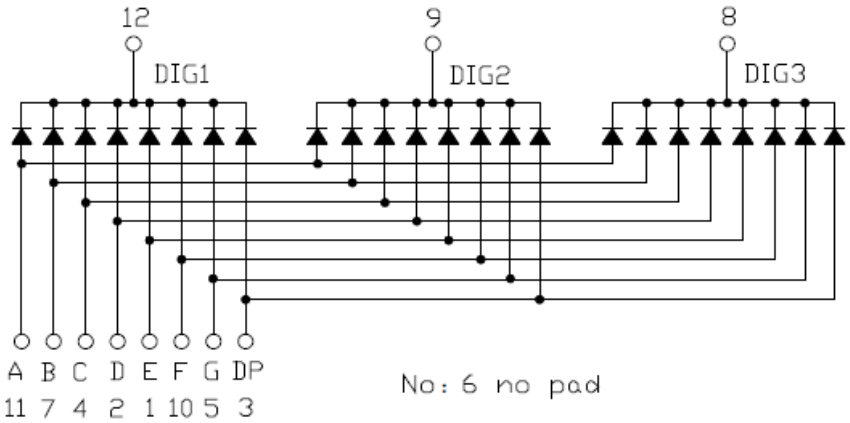
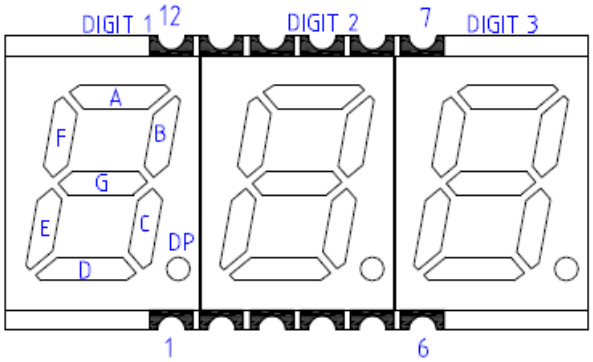


P.C.B. Pin Connection





Unit:mm

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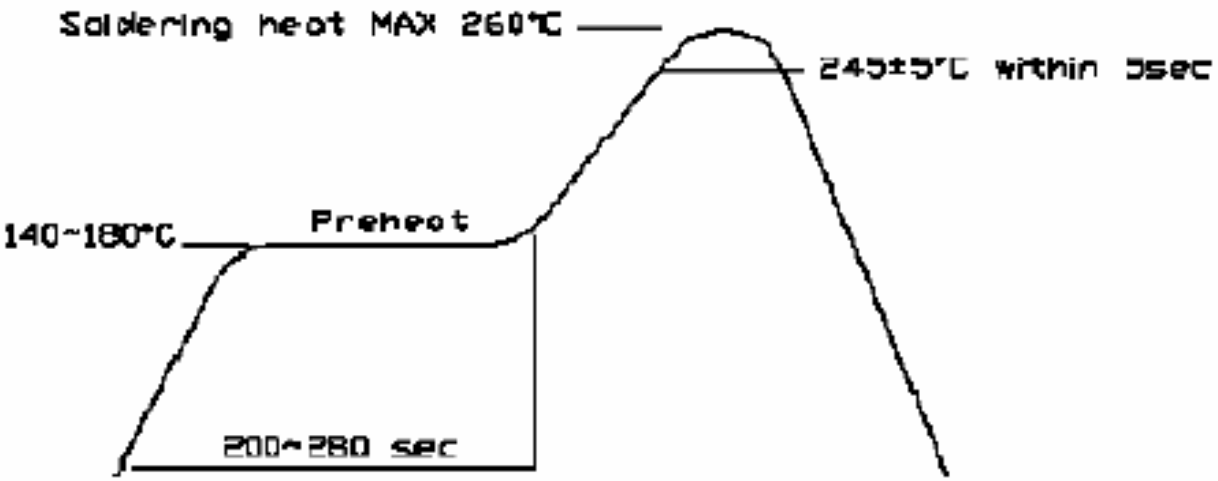
SMT REFLOW SOLDERING INSTRUCTIONS

SOLDERING HEAT RELIABILITY (DIP) :



SOLDERING IRON

Basic spec is ≦4 sec when 260℃. If temperature is higher, time should be shorter (+10℃→1 sec). Power dissipation of Iron should be smaller than 15W, and temperature should be controllable. Surface temperature of the device should be under 230℃.

REWORK

1. Customer must finish rework within 5 seconds under 260℃
2. The head of soldering iron cannot touch copper foil .

■ IR Reflow Temperature / Time :

SMT SOLDERING INSTRUCTION