



YETDA INDUSTRY LTD.

0.56" TRIPLE DIGIT SMD LED DISPLAY

T-5632AUF11-SMDxMC

DESCRIPTION

0.56" (14.2mm) Inch Digit Height.

Super Red Display.

Black Face and White Segment .

Common Anode

RoHs Compliant

ABSOLUT MAXIMUM RATINGS AT Ta=25°C

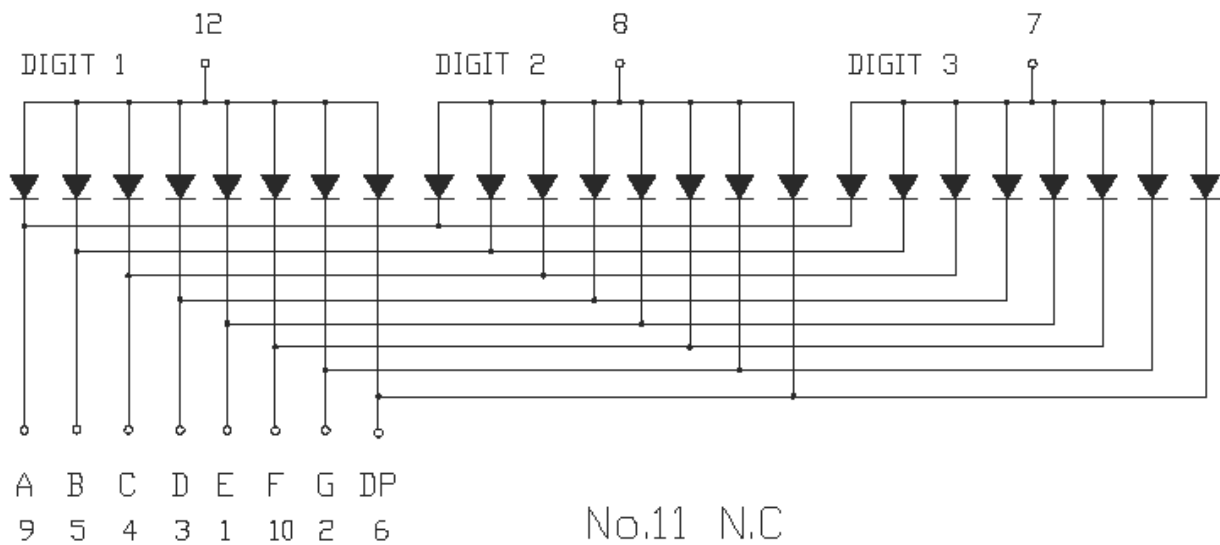
Parameter		UNIT
Power Dissipation Per Seg. & Dot	70	mW
Peak Forward Current Per Seg. & Dot	90	mA
Forward current Per Seg. & Dot (Static)	30	mA
Reverse Voltage Per Seg. & Dot	5	V
Operation Temperature Range	-40°C TO +120°C	°C
Storage Temperature Range	-40°C TO +105°C	°C
Lead Soldering Temperature	260°C for 3 seconds 1.6mm(1/16 inch) from body	

ELECTRICAL/OPTOTICAL CHARACTERISTIC AT Ta=25°C

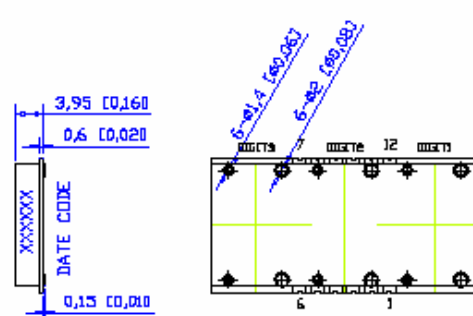
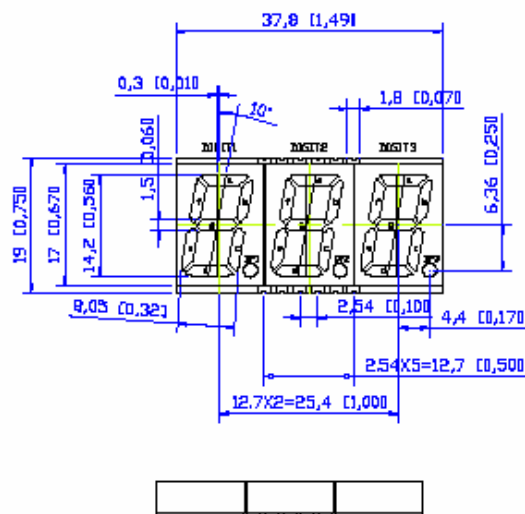
PARAMETER	SYMBOL	MIN.	TYP.	MAX.	UNIT	CONDITION
Average Luminous Intensity	Iv		9		mcd	If=10mA
Emission Wavelength	λd		630		nm	If=20mA
Forward Voltage Per Seg. & Dot	Vf		2.0	2.8	V	If=20mA
Reverse Current Per Seg.	Ir			10	uA	Vr=5V
Luminous Intensity Matching Ratio	Iv-m		2 : 1			If=20mA



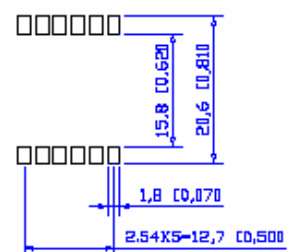
P.C.B. Pin Connection



Package Dimensions -



SOLDERING PAD SIZE



NOTE:

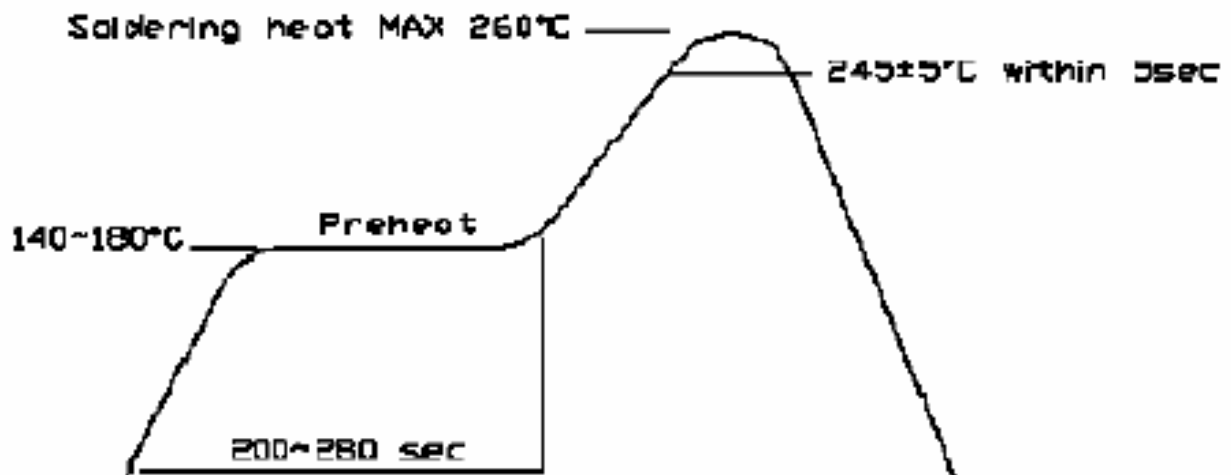
1. Dimension in millimeter (inch), and tolerance is $\pm 0,25$ (.01) unless otherwise noted.
2. Specifications are subject to change without notice.

Unit:mm



SMT REFLOW SOLDERING INSTRUCTIONS

SOLDERING HEAT RELIABILITY (DIP):



SOLDERING IRON

Basic spec is ≤ 4 sec when 260°C. If temperature is higher, time should be shorter (+10°C → 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°C.

REWORK

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

IR Reflow Temperature / Time :

SMT SOLDERING INSTRUCTION

