



**THE DATASHEET OF  
ESD-SM310392Y7B**



Jiangsu Everstar Electronics Co., Ltd.

**Address:**No.6, Xiangshan Rd, Tianmuhu Town,Liyang City,Jiangsu,213300

**TEL:** +86-519-87557772

**FAX:** +86-519-87557773

**Http:** [www.everstarelect.com](http://www.everstarelect.com)

## DATA SHEET

ESL NO. : ESD-SM310392Y7B

CUS NO. :

REV : A / 0

Producer: *Eden*

Auditor: \_\_\_\_\_

Approver: *Jack*

CUSTOMER'S APPROVAL : \_\_\_\_\_

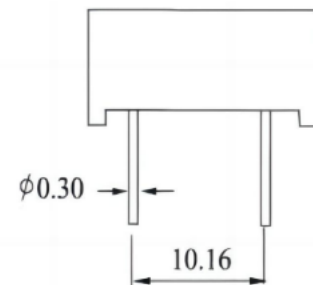
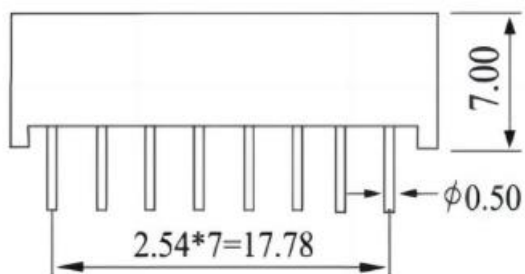
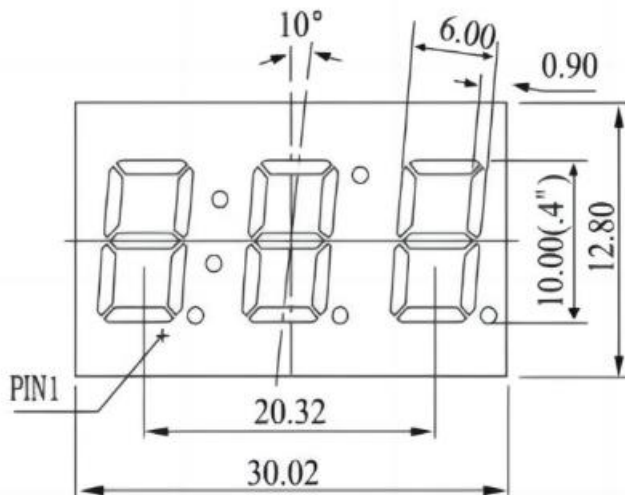
DCC : \_\_\_\_\_

# 0.39" Inch DIGIT LED DISPLAY

ESD-SM310392Y7B

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## ■ PACKAGE DIMENSIONS



### Note:

1. All Dimensions are in millimeters.
2. Tolerance is  $\pm 0.25\text{mm}$  (0.010). Unless otherwise specified.



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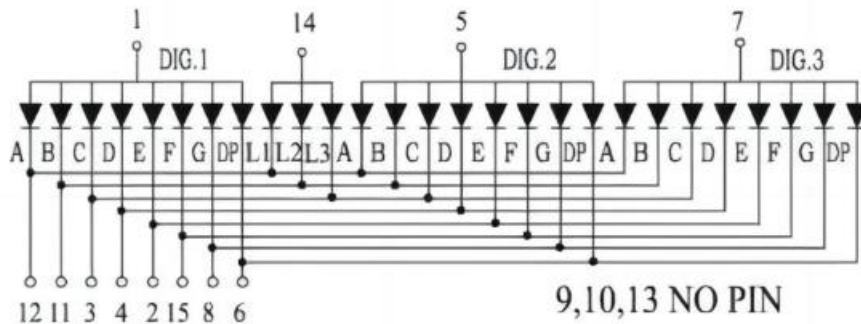
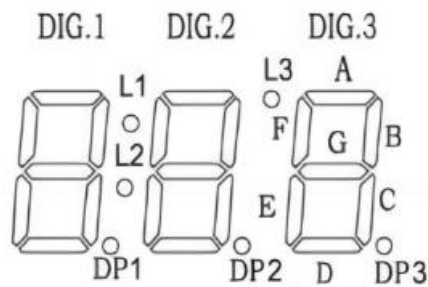
## ■ FEATURES:

- 0.39 " Inch Digit Led Display
- High intensity and reliability
- IC compatible , Easy assembly
- Low Current.

## ■ DESCRIPTION:

- Gray face, white segment
- Common Anode
- Yellow Color
- RoHS Compliant

## ■ INTERNAL CIRCUIT DIAGRAM



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## ■ ABSOLUTE MAXIMUM RATINGS AT Ta=25°C:

PARAMETER	Max.	UNIT
Power Dissipation Per Segment	36	mW
Peak Forward Current Per Segment (1/10duty cycle 0.1ms pulse width)	60	mA
Average Forward Current Per Segment	20	mA
Reverse Voltage Per Segment	5	V
Operating Temperature Range	-40°C to + 85°C	
Storage Temperature Range	-40°C to + 85°C	
Lead Soldering Temperature 260°C at 1.6mm From Body for 3 seconds		

## ■ ELECTRICAL/OPTICAL CHARACTERISTICS AT Ta=25°C:

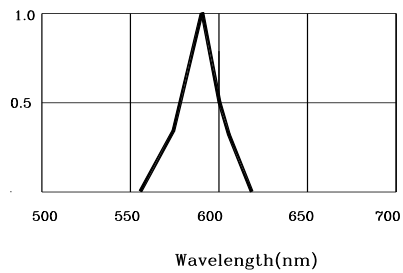
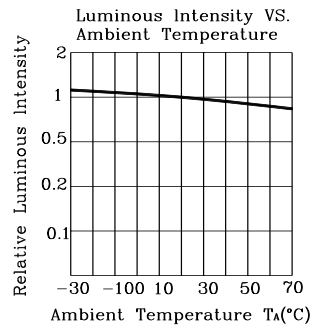
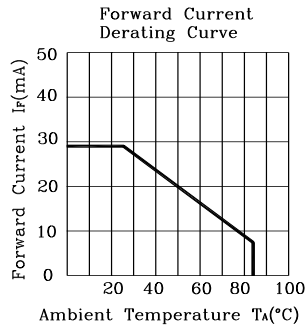
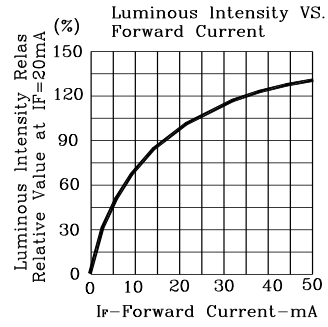
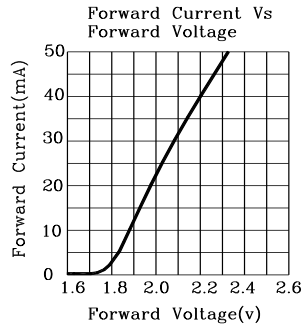
PARAMETER	SYMBOL	MIN.	TYP.	MAX.	UNIT	Test condition
Luminous Intensity Per Segment	$I_v$	8		15	mcd	$I_F=10mA$
Dominant Wavelength	$\lambda_d$	585		590	nm	$I_F=20mA$
Forward Voltage Per Dice	$V_F$		2.0	2.4	V	$I_F=20mA$
Reverse Current Per Dice	$I_R$	--	--	50	$\mu A$	$V_R=5V$

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### ■ TECHNICAL DATA



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■ Recommended SMT condition:

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