

Ningbo Junsheng Electronics Co.,LTD.

产品承认书

PRODUCT APPROVED

(CUSTOMERS) _____

(CUSTOMER P/N) _____

() JSS-2837Bxx

(DESCRIPTION) 0.28 inch common anode 3 digits smd display

(SAMPLE DATE) _____

Specification	INSPECTION	SAMPLE	OTHERS
(APPROVED BY)	(CHECKED BY)	(PROOFREAD BY)	(PREPARED BY)

Version	Date	Description	Maker

(CUSTOMER VERDICT)			
(OK)	☐	(NG)	☐

(APPROVED BY):	(APPROVED DATE):
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(IMPROVED ADVICE):

REMARK:

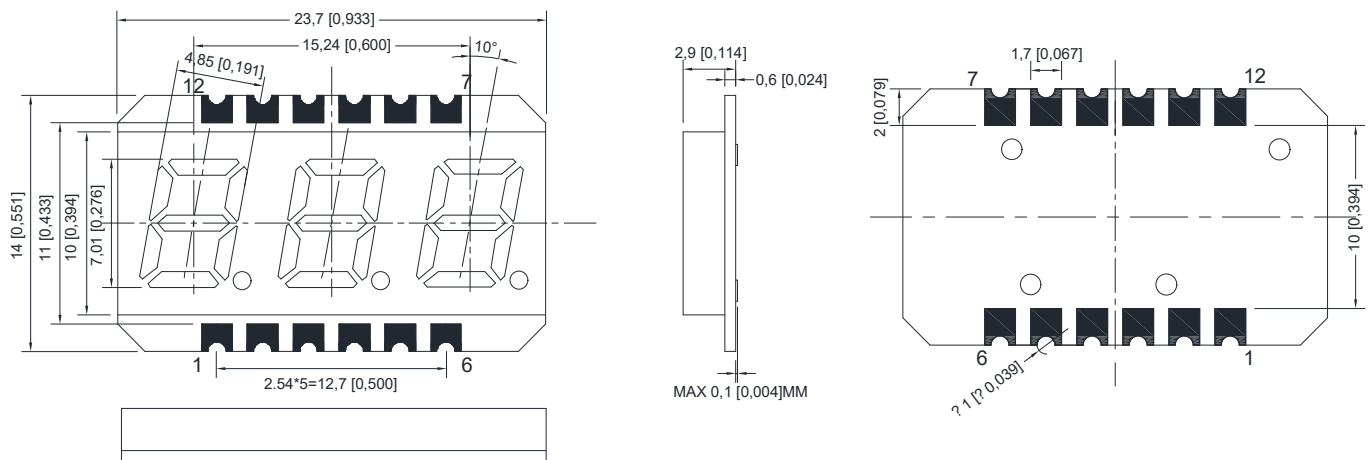
1.DESRIPTION:

- Gray face, White Epoxy
- Common anode
- Various Emitting Color
- RoHS Compliant

2.FEATURES:

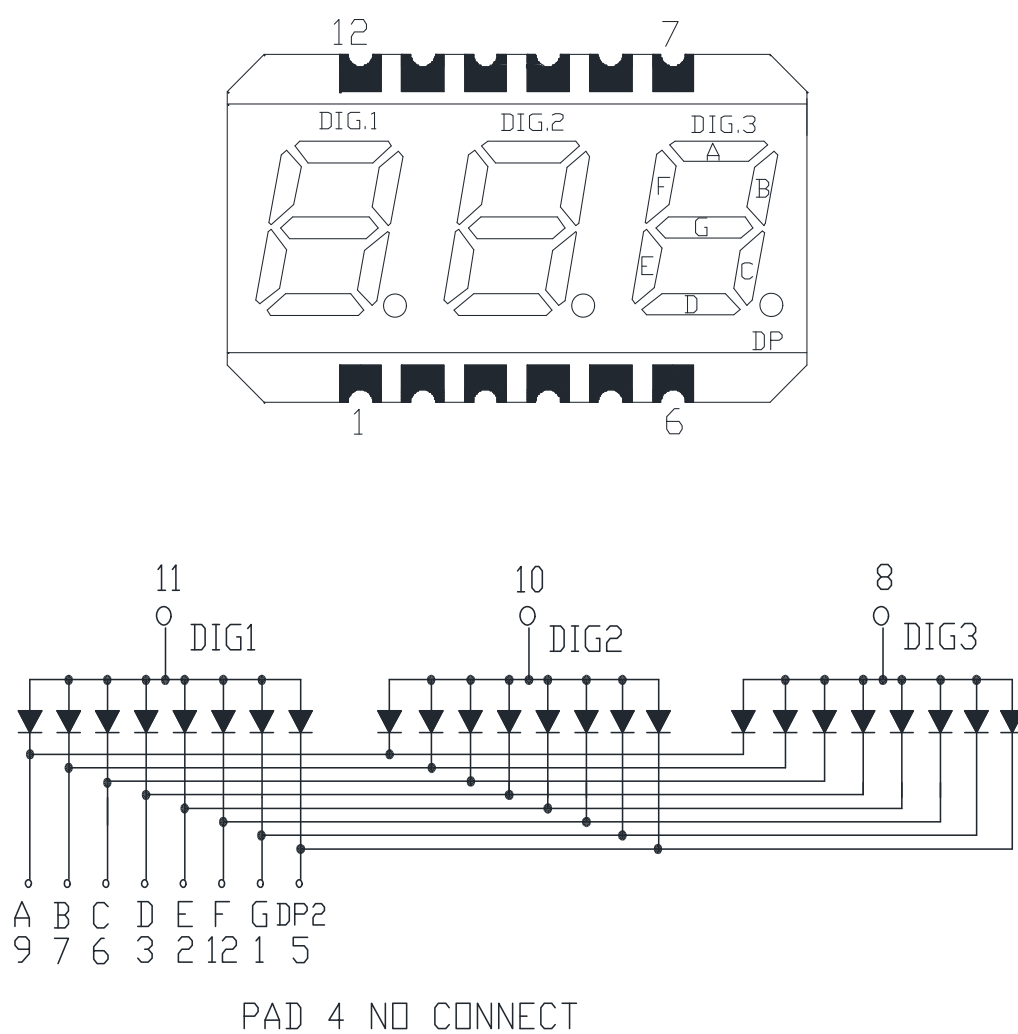
- High intensity and reliability
- High quality, Low power requirement
- IC compatible , Easy assembly
- ESD1000V

3.PACKAGE DIMENSION:



NOTES: All dimensions are in millimeters (inches) tolerance are $\pm 0.25\text{mm}(0.010)$ unless otherwise noted

4.INTERNAL CIRCUIT DIAGRAM



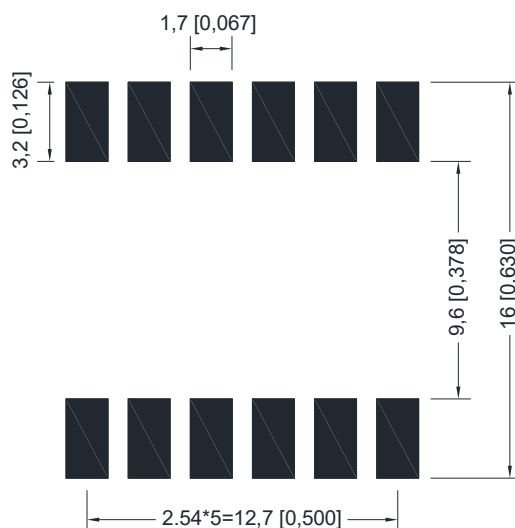
5.ABSOLUTE MAXIMUM RATINGS AT T_a=25°C:

Items	Symbol	Absolute maximum Rating	Unit
Forward Current(DC)	IF	20	mA
Power Dissipation	W	60	Mw
Peak Forward Current*	IFP	100	mA
Reverse Voltage	VR	5	V
Operation Temperature	Topr	-40+85	°C
Storage Temperature	Tstg	-40+100	°C
Lead Soldering Temperature	Tsol	Max .260 °C for 3 sec Max. (3mm from the base of the epoxy bulb)	

6.ELECTRICAL/OPTICAL CHARACTERISTICS AT T_a=25°C:

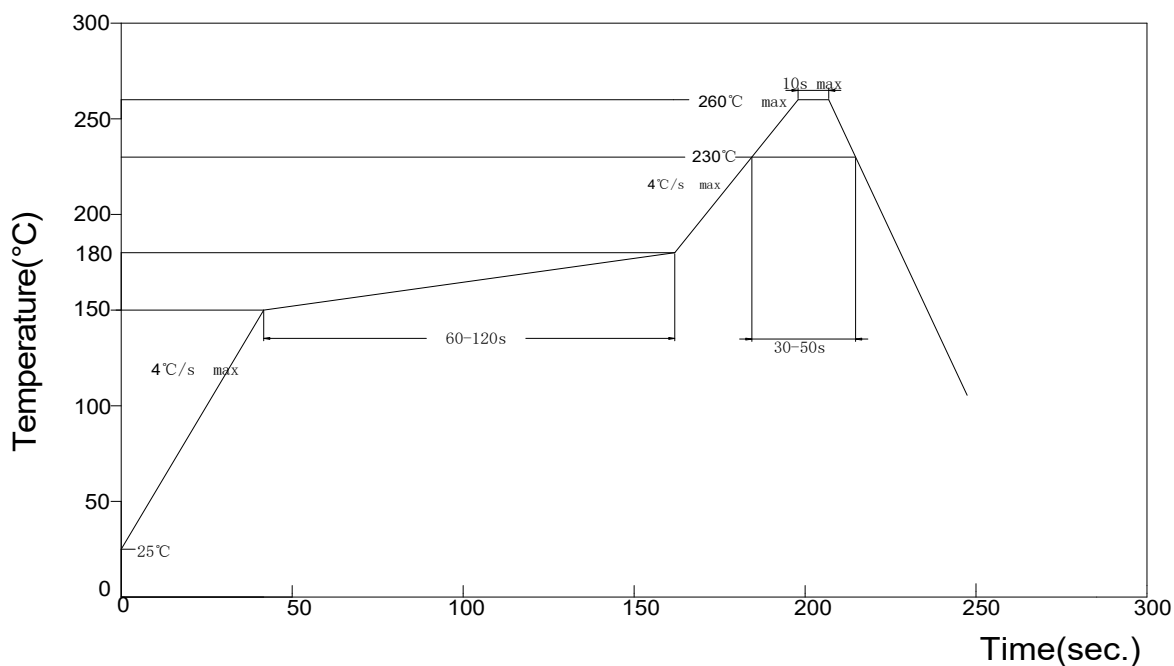
Part No	Emitting Color	Chip Material	Forward Voltage (V)		Luminous Intensity (mcd)		Peak Wave Length(λP) nm	
			IF=10mA					
Common anode			Typ	Max	Min	Typ	Typ	Max
JSS-2837BUR-21	Ultra Red	AlGaInP	2.0	2.5	20	40	630	640
JSS-2837BSR-21	Super Red	AlGaInP	2.0	2.5	40	80	620	625
JSS-2837BUY-21	Yellow	AlGaInP	2.0	2.5	40	60	585	595
JSS-2837BUG-21	Green	AlGaInP	2.0	2.5	10	20	570	575
JSS-2837BUA-21	Amber	AlGaInP	2.0	2.5	40	60	600	610
JSS-2837BUB-21	Blue	InGan	3.0	3.5	40	60	460	470
JSS-2837BPG-21	Pure Green	InGan	3.0	3.5	80	150	520	525
JSS-2837BUW-21	White	InGan	3.0	3.5	100	200	X0.30/Y0.30	

7.Recommended Soldering Pattern:



、推荐的 SMT 焊接曲线

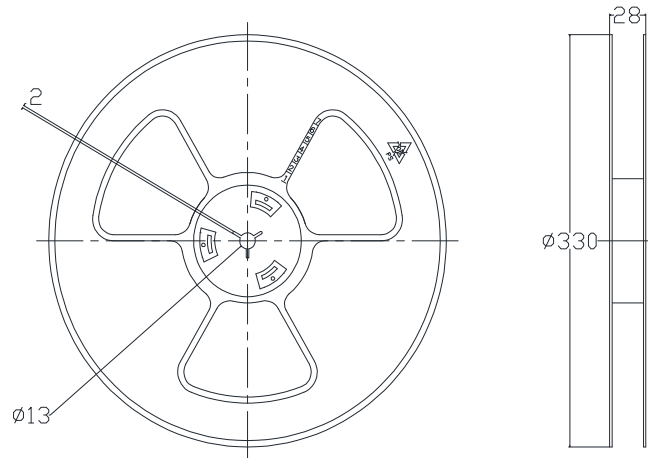
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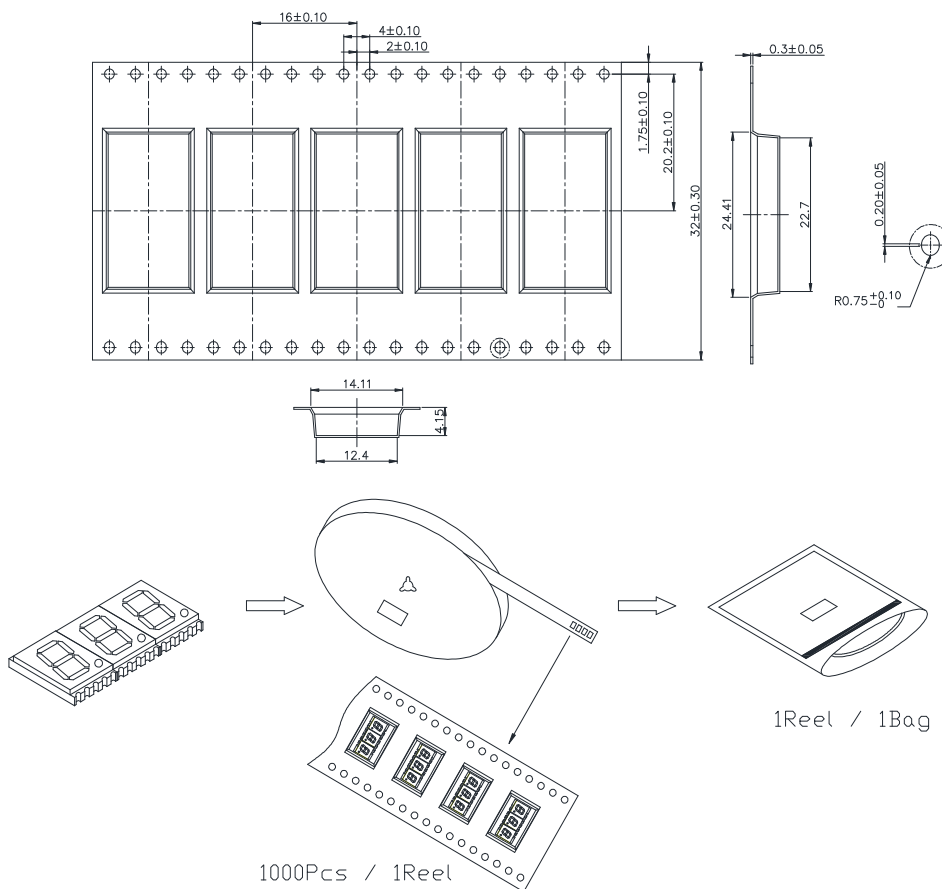
NOTES:

- 1.We recommend the reflow temperature 245°C (+/-5°C) 。 The maximum soldering temperature should be limited to 260°C 。
- 2.Don't cause stress to the epoxy resin while it is exposed to high temperature 。
- 3.Number of reflow process shall be 2 times or less.

9.Reel Dimensions:



10.Packing and Lable Specifications:



Note: The specifications are subject to change without notice. Please contact us for updated information.