

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[SunLED](#)

[XZFMYK14C2](#)

For any questions, you can email us directly:

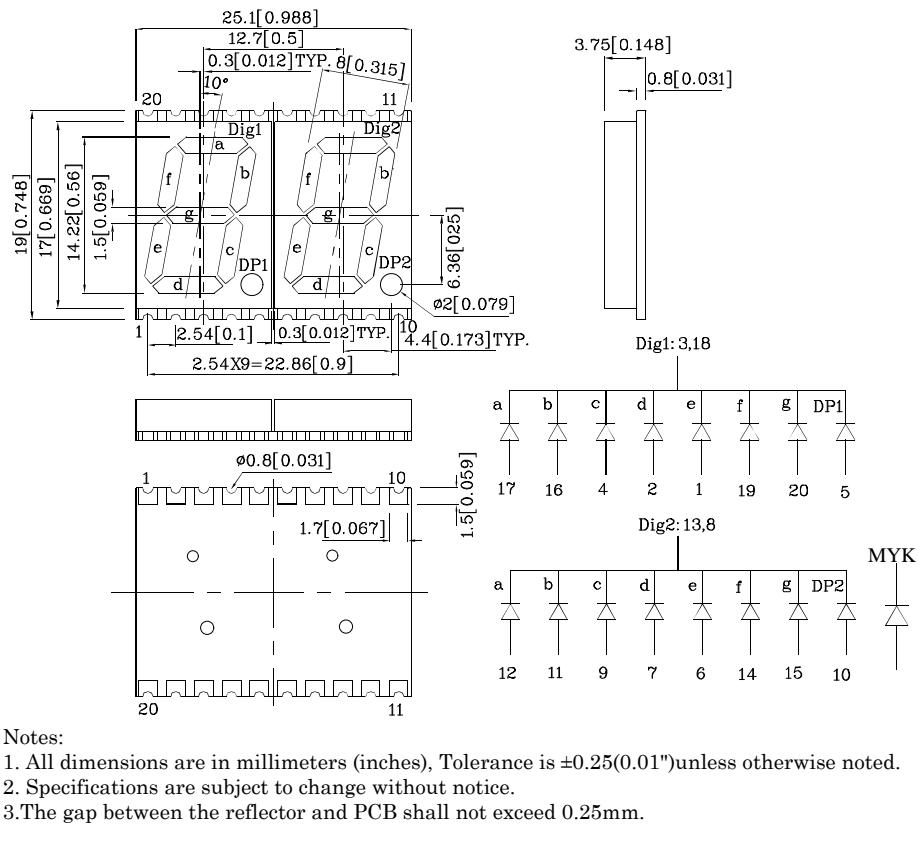
sales@integrated-circuit.com

Features

- 0.56 inch digit height
- Robust package
- Low power consumption
- Standard configuration: Gray face w/ white segments
- Standard Package: 200pcs/ Reel
- MSL (Moisture Sensitivity Level): 2a
- RoHS Compliant



Package Schematics



Absolute Maximum Ratings ($T_A=25^\circ C$)		MYK (AlGaInP)	Unit
Reverse Voltage	V_R	5	V
Forward Current	I_F	30	mA
Forward Current (Peak) 1/10 Duty Cycle 0.1ms Pulse Width	i_{FS}	175	mA
Power Dissipation	P_D	75	mW
Operating Temperature	T_A	-40 ~ +85	$^\circ C$
Storage Temperature	T_{STG}	-40 ~ +85	

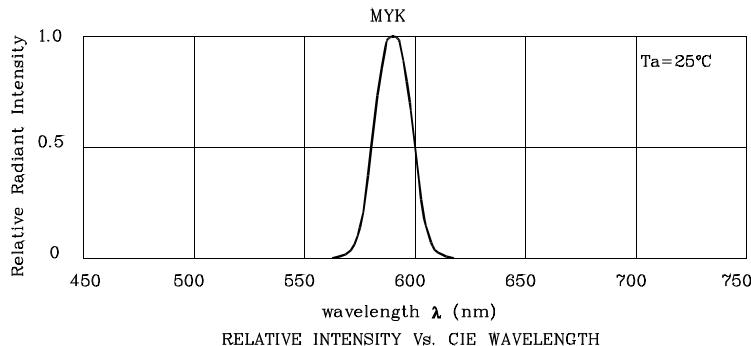
Operating Characteristics ($T_A=25^\circ C$)		MYK (AlGaInP)	Unit
Forward Voltage (Typ.) ($I_F=10mA$)	V_F	1.95	V
Forward Voltage (Max.) ($I_F=10mA$)	V_F	2.5	V
Reverse Current (Max.) ($V_R=5V$)	I_R	10	uA
Wavelength of Peak Emission CIE127-2007* (Typ.) ($I_F=10mA$)	λ_P	590*	nm
Wavelength of Dominant Emission CIE127-2007* (Typ.) ($I_F=10mA$)	λ_D	590*	nm
Spectral Line Full Width At Half-Maximum (Typ.) ($I_F=10mA$)	$\Delta\lambda$	20	nm
Capacitance (Typ.) ($V_F=0V$, $f=1MHz$)	C	20	pF

Part Number	Emitting Color	Emitting Material	Luminous Intensity CIE127-2007* ($I_F=10mA$) ucd	Wavelength CIE127-2007* nm λ_P	Description
XZFMYK14C2	Yellow	AlGaInP	31000 14000*	75990 28990*	590* Common Cathode, Rt. Hand Decimal

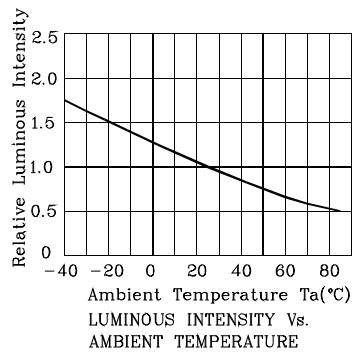
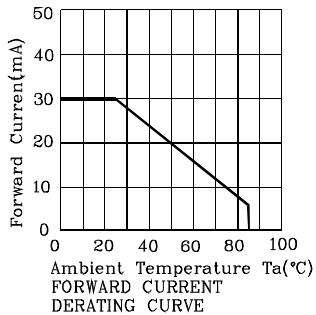
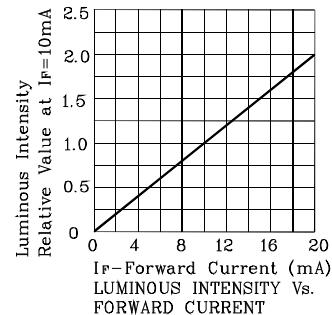
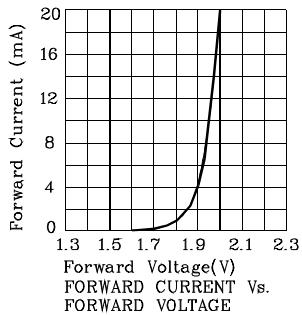
*Luminous intensity value and wavelength are in accordance with CIE127-2007 standards.

Jan 14,2014

XDSA9126 V6-X Layout: Maggie L.

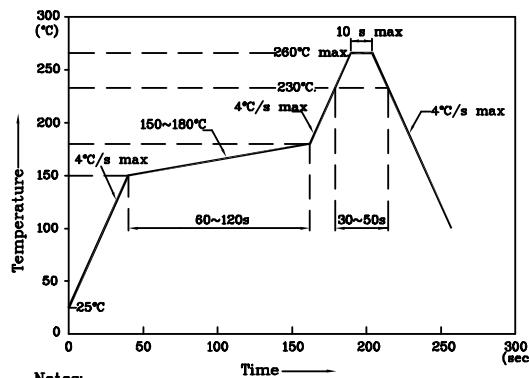


❖ **MYK**

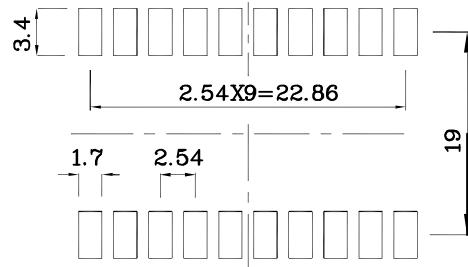


LED is recommended for reflow soldering and soldering profile is shown below.

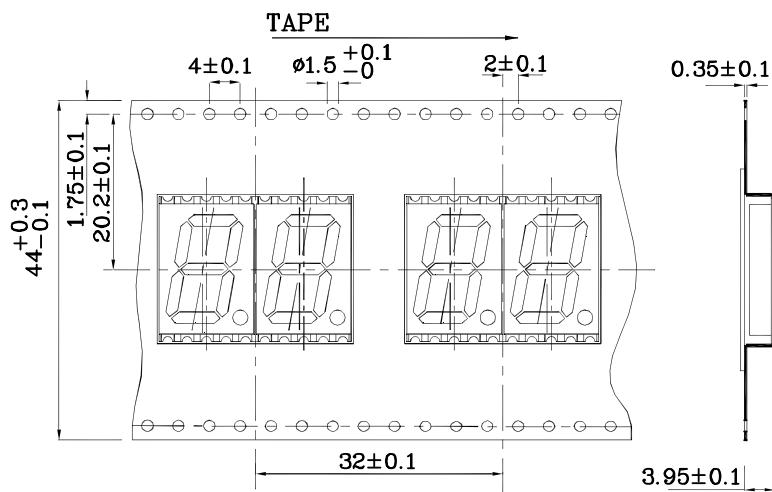
Reflow Soldering Profile for SMD Products (Pb-Free Components)



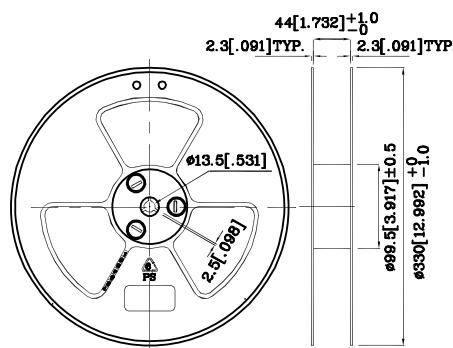
❖ Recommended Soldering Pattern (Units : mm; Tolerance: ± 0.15)



❖ Tape Specification (Units : mm)



❖ Reel Dimension



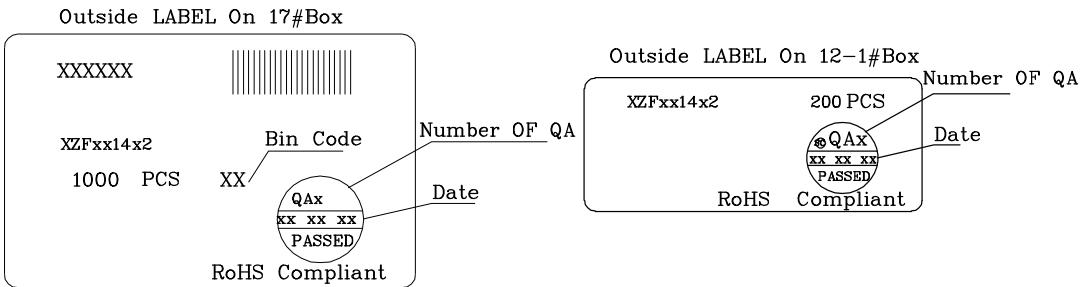
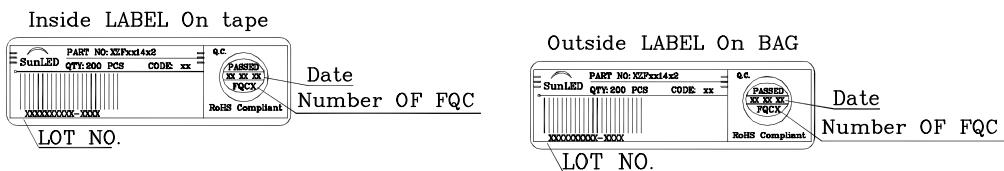
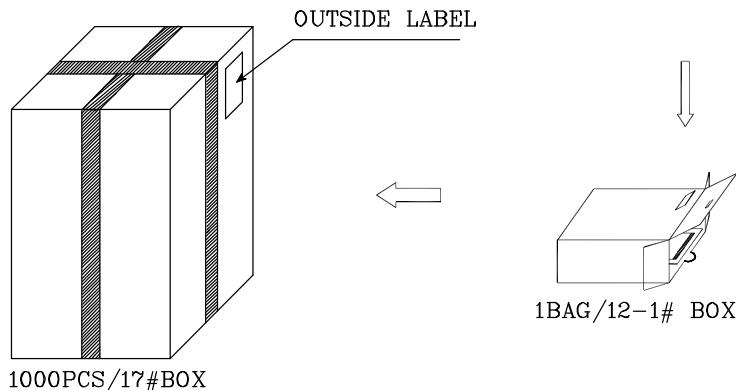
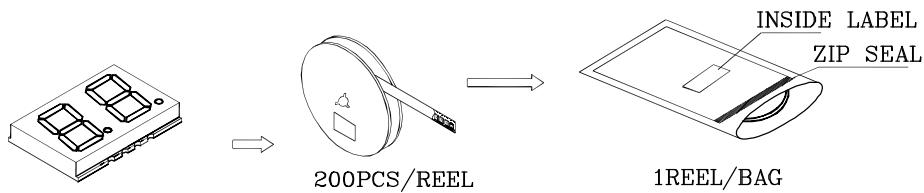
Remarks:

If special sorting is required (e.g. binning based on forward voltage, Luminous intensity / luminous flux, or wavelength), the typical accuracy of the sorting process is as follows:

1. Wavelength: $\pm 1\text{nm}$
2. Luminous intensity / luminous flux: $\pm 15\%$
3. Forward Voltage: $\pm 0.1\text{V}$

Note: Accuracy may depend on the sorting parameters.

PACKING & LABEL SPECIFICATIONS



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