

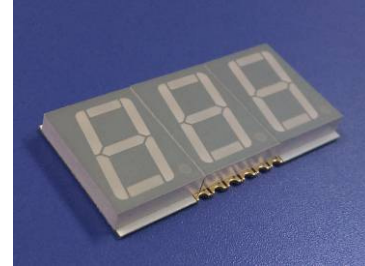
■ **Features**

- 0.56 Inch Three Digit Display
- Long lifetime operation
- IC compatible
- Low power dissipation
- Gray surface & white segment or dot
- RoHS compliant

■ **Applications**

- Counting device
- Clock

■ **Photo**










■ **Absolute Maximum Rating (Ta=25°C)**

Item	Symbol	Value		Unit
		W/B/TG	YG/Y/O/R/RA	
DC Forward Current	I _F	25	25	mA
Pulse Forward Current*	I _{FP}	80	80	mA
Reverse Voltage	V _R	5	5	V
Power Dissipation	P _t	90	65	mW
Operating Temperature	Topr	-40~ +85		°C
Storage Temperature	Tstg	-40~ +85		°C
Lead Soldering Temperature	Tsol	260°C/3sec		°C

*Pulse width Max.10ms Duty ratio max 1/10

*Reflow time Max.3seconds

■ **Electrical -Optical Characteristics (Ta=25°C)**

Part Number	Color			V _F (V)			I _R (μA)	I _v (mcd)			λD(nm)		
				Min.	Typ.	Max.	Max.	Min.	Typ.	Max.	Min.	Typ.	Max.
				I _F =20mA			V _R =5V	I _F =10mA			I _F =20mA		
OSK3056A-IW(LW)	White	W		-	3.1	3.6	10	30	65	100	6000K	8000K	10000K
OSK3056A-IB(LB)	Blue	B		-	3.1	3.6	10	8	16	25-	460	465	475
OSK3056A-IG(LG)	True Green	TG		-	3.1	3.6	10	10	24	35	510	520	530
OSK3056A-IYG(LYG)	Yellow Green	YG		-	2.1	2.6	10	5	13	20	565	570	575
OSK3056A-IY(LY)	Yellow	Y		-	2.1	2.6	10	8	16	25	585	590	595
OSK3056A-IO(LO)	Orange	O		-	2.1	2.6	10	8	16	25	600	605	610
OSK3056A-IR(LR)	Red	R		-	2.1	2.6	10	5	13	25	625	630	640
OSK3056A-IRA(LRA)	High Luminance Red	RA		-	2.1	2.6	10	20	25	28	625	630	640

*1 Tolerance of measurements of chromaticity coordinate is ±10%

*2 Tolerance of measurements of dominant wavelength is ±1nm

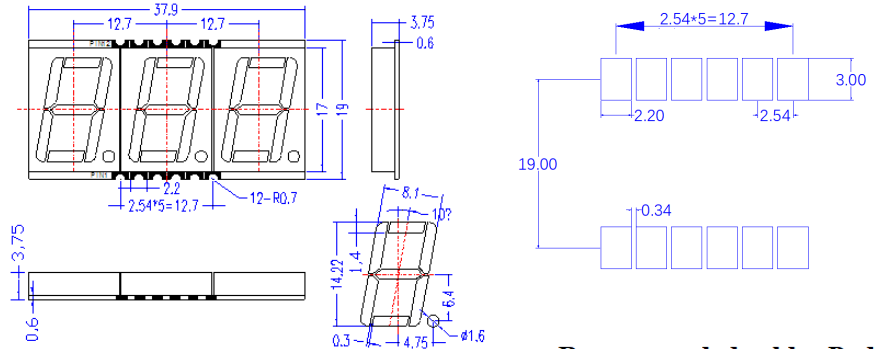
*3 Tolerance of measurements of luminous intensity is ±15%

*4 Tolerance of measurements of forward voltage is ±0.1V

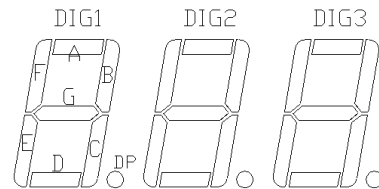
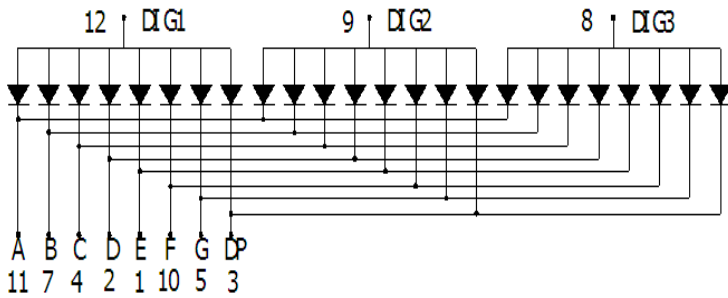
■ Package Dimensions

**OSK3056A-IX
(Common Anode type)**

Note:
1, Unit : mm (Tolerance: ±0.25mm unless otherwise noted)

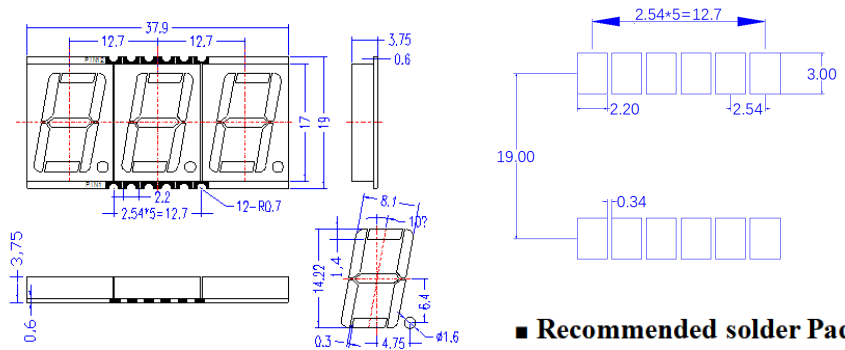


■ Recommended solder Pad

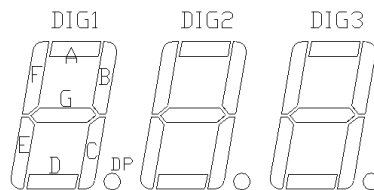
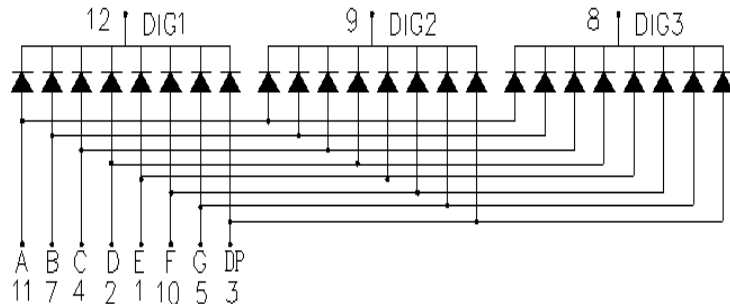


**OSK3056A-LX
(Common Cathode type)**

Note:
1, Unit : mm (Tolerance: ±0.25mm unless otherwise noted)

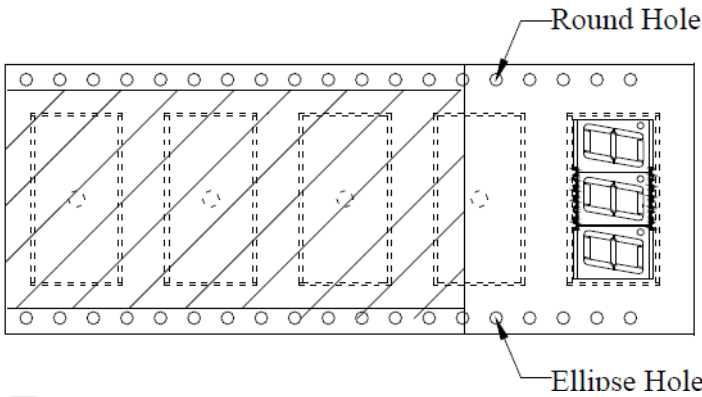


■ Recommended solder Pad

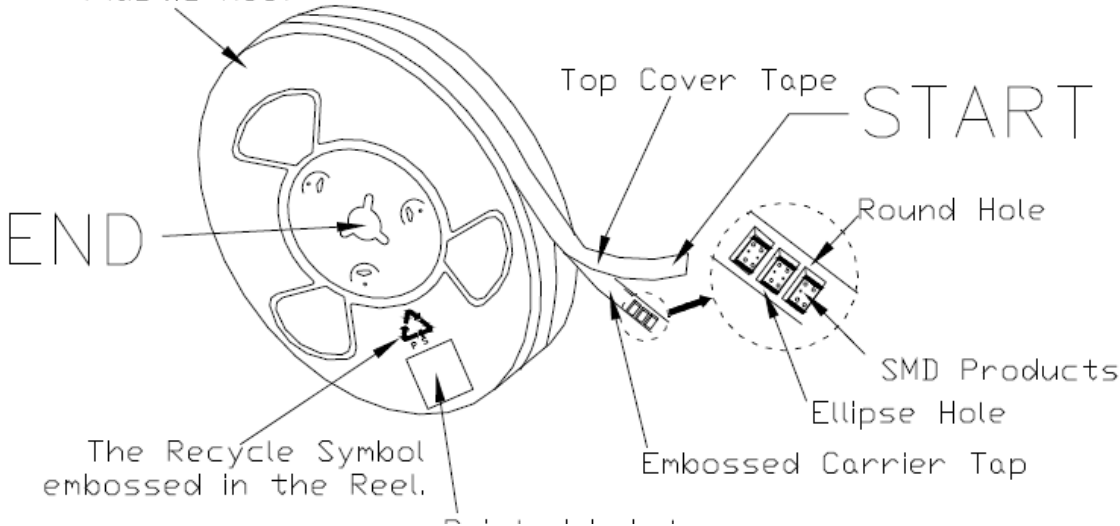


0.56 Inch Three Digit Display SMD
OSK3056A-IX (Common Anode type)
OSK3056A-LX (Common Cathode type)

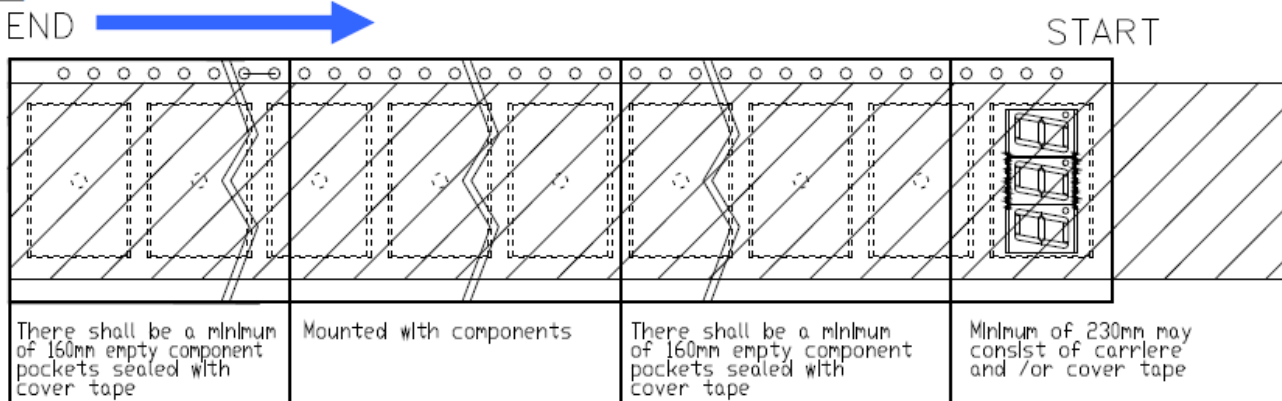
The Products In The Reel Of Direction



Label Direction & Content In The Roll
Plastic Reel



USER FEED DIRECTION



Package Criteria:

1. Total unit per reel is 500PCS.
2. Max 5 reels/2500PCS are packaged in each carton



CAUTION

This bag contains

MOISTURE-SENSITIVE DEVICES

LEVEL

3

1. Calculated shelf life in sealed bag:12 months at $<40^{\circ}\text{C}$ and $<90\%$ relative humidity (RH).
2. Peak package body temperature:Per Product Label
3. After bag is opened,devices that will be subjected to reflow solder or other high temperature process must be
 - a)Mounted within:168 hours of factory conditions $\leq 30^{\circ}\text{C}/60\% \text{RH}$
 - b)stored per J-STD-033
4. Devices require bake,before mounting,if:
 - a)Humidity Indicator Card is $>10\%$ when read at $23 \pm 5^{\circ}\text{C}$
 - b)3a or 3b not met.
- 5.If baking is required,devices may be baked for 20 hours at $60 \pm 5^{\circ}\text{C}$

Bag Seal Date: _____

If Blank,see adjacent bar code label

Note:Level and body temperature defined by IPC/JEDEC J-STD-020