OptoSupply

Light It Up

■ Features

- 0.2 Inch five Digit Display
- Long lifetime operation
- IC compatible
- Low power dissipation
- Pin of Number:10

■ Applications

- Indicating device
- Overflow indication

■ Absolute Maximum Rating   (Ta=25℃)

Item	Symbol	Value R/Y/YG	Value B/G	Unit
DC Forward Current	I_F	25	25	mA
Pulse Forward Current#	I_{FP}	100	100	mA
Reverse Voltage	V_R	5	5	V
Power Dissipation	P_t	62.5	72	mW
Operating Temperature	Topr	-30 ~ +70		℃
Storage Temperature	Tstg	-40~ +85		℃
Lead Soldering Temperature(1.6mm from seating plane)	Tsol	260℃/5sec		℃

#Pulse width Max.10ms   Duty ratio max 1/10
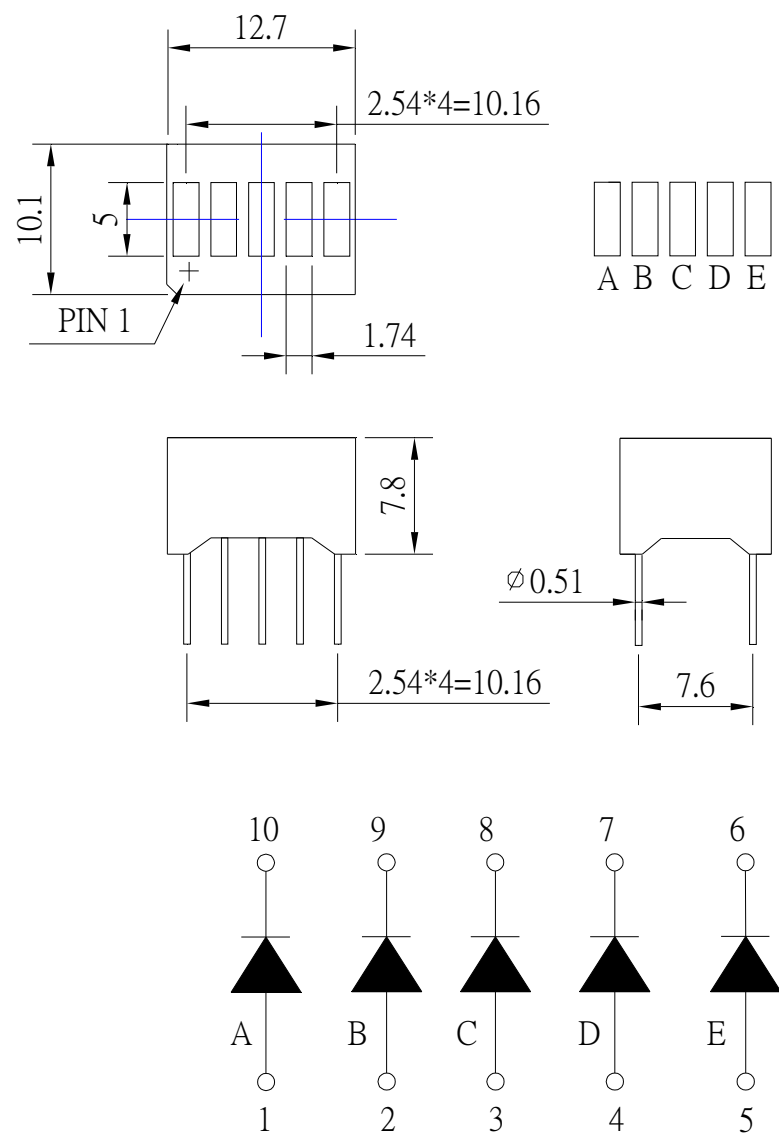
■ Electrical -Optical Characteristics   (Ta=25℃)

Part Number	Color			V_F (V)* Min.	V_F (V)* Typ.	V_F (V)* Max.	$I_R(\mu A)$ Max.	Iv(mcd)* Min.	Iv(mcd)* Typ.	Iv(mcd)* Max.	λD(nm)* Min.	λD(nm)* Typ.	λD(nm)* Max.
				I_F=20mA			V_R=5V	I_F=20mA					
OSX05201-B	Blue	B		-	3.1	3.6	20	-	50	-	-	465	-
OSX05201-G	Pure Green	G		-	3.1	3.6	20	-	200	-	-	525	-
OSX05201-YG	Yellow Green	YG		-	2.1	2.5	20	-	35	-	-	570	-
OSX05201-Y	Yellow	Y		-	2.1	2.5	20	-	35	-	-	590	-
OSX05201-R	Red	R		-	2.1	2.5	20	-	35	-	-	630	-

*1 Tolerance of measurements of dominant wavelength is +1nm
*2 Tolerance of measurements of luminous intensity is +15%
*3 Tolerance of measurements of forward voltage is±0.1V

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■ Package Dimensions and Pin Function

12.7

2.54*4=10.16

10.1

5

PIN 1

1.74

A B C D E

7.8

2.54*4=10.16

∅0.51

7.6

10   9   8   7   6

A   B   C   D   E

1   2   3   4   5

Note:

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

2, The slope angle of any PIN may be±5.0°Max

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ISO 9001: 2008

RoHS Compliant EU 2002/95/EC

REACH The new EU chemicals legislation

ATTENTION
OBSERVE PRECAUTIONS
ELECTROSTATIC
SENSITIVE DEVICES