

TOA-L10ZH-9W

Light Bar Display LED

Part Number	Chip		Face Color	Segment Color
	Material	Source Color		
TOA-L10ZH-9W	GaAlAs	Hi-red	White	White

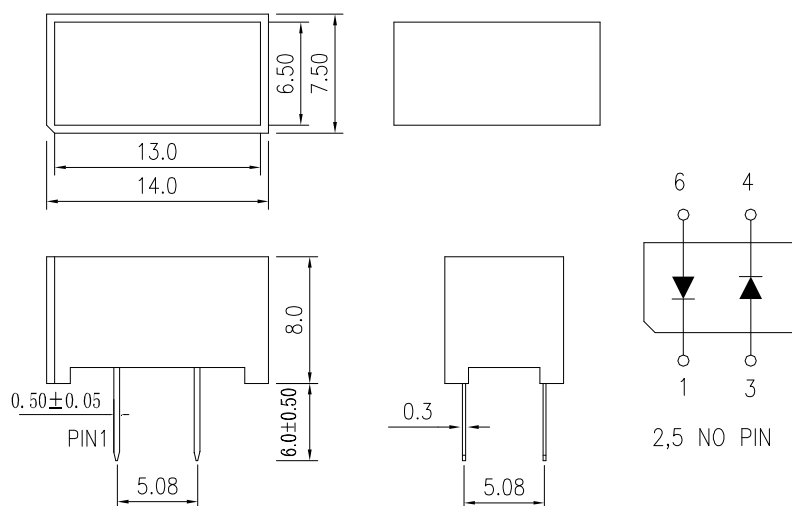
Features

- Light bar display
- Common universal
- I.C. compatible
- Low power requirement
- RoHS compliant

Applications

- Audio equipment
- Instrument panels
- Symbol display

Package Dimensions & Internal Circuit Diagram



Notes:

1. All dimensions are in millimeters, tolerance: ± 0.25 ; Angle: $\pm 0.1^\circ$ unless otherwise noted.
2. Specifications are subject to change without notice.

Absolute Maximum Rating @ Ta=25°C

Parameter	Maximum Rating	Unit
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width) Per Dice	80	mA
Power Dissipation Per Dice	75	mW
Continuous Forward Current Per Dice	20	mA
Recommend Operating Current Per Dice	12	mA
Reverse Voltage	5	V
Operating Temperature Range	-25°C to +85°C	
Storage Temperature Range	-30°C to +85°C	
Lead-Free Solder Temperature (1/16 Inch Below Seating Plane)	260°C for 3 Sec	

Electrical / Optical Characteristic @ Ta=25°C

Parameter	Symbol	Min.	Typ.	Max.	Unit	Test Condition	Grade
Luminous Intensity All On	I _v		9185		ucd	I _F =20mA	
Peak Wavelength	λ _p		660		nm	I _F =20mA	
Spectral Line Half-Width	Δλ		20		nm	I _F =20mA	
Forward Voltage Per Dice	V _F	1.7	1.8	2.0	V	I _F =20mA	
Reverse Current Per Dice	I _R			20	μA	V _R =10V	
Luminous Intensity Matching Rate	I _v -m			1.5:1		I _F =20mA	