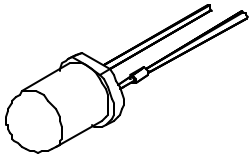
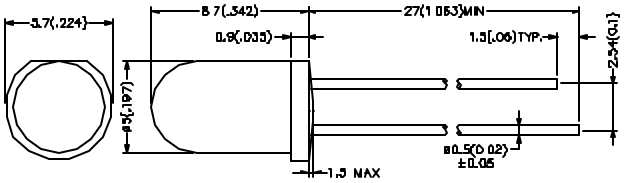
SENSITRON
SEMICONDUCTOR

LT569S-WHC-2-D1
LT569S-WHC-2-D2
LT569S-WHC-2-D3

HIGH BRIGHTNESS LED – 5mm (T-1 3/4), WHITE

TECHNICAL DATA
DATA SHEET 3515, REV. -





Notes: All dimensions are in mm (inch)
Tolerance is ± 0.25 mm (0.01") unless otherwise specified

Absolute Maximum Rating: (T_a= 25°C)

Symbol	Description	Max	Unit
P_D	Power dissipation	100	mW
V_R	Reverse voltage	5	V
I_F	Forward current	30	mA
Topr	Operating temperature range	-30°C to 80°C	
Tstg	Storage temperature range	-35°C to 85°C	
Lead soldering temperature ≤ 260°C for 5 seconds			

Electro-optical Characteristic: (T_a =25 °C)

Part No.	Chip		Vf (Volt) Typ.	Lens Type	Iv (mcd) @20mA	Viewing Angle (degree)
	Material	Color			Typical	
LT569S-WHC-2-D1	GaInN	White	3.5	Water clear	8000	20
LT569S-WHC-2-D2	GaInN	White	3.5	Water clear	5000	30
LT569S-WHC-2-D3	GaInN	White	3.5	Water clear	3500	40

Features

- Versatile mounting on PCB or panel
- Higher luminous efficiency than incandescent lamp
- Choice of different packages—round and oval
- Various viewing angles—call for other options

Description

The T-1 3/4 high brightness white LED utilizes the latest InGaN technology. It is widely used in back-lighting, general purpose indication and lighting. The LED is non-diffused, water-clear, and incorporates precise optics producing well defined spatial radiation and superior light output.

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