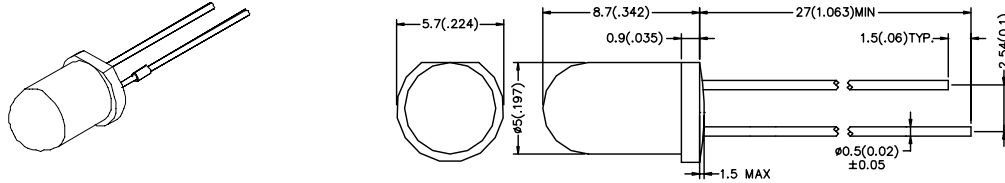


HIGH INTENSITY LED – 5mm (T-1 3/4), RED

DATA SHEET 3525 REV.1.2



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

Absolute Maximum Rating: ($T_a = 25^\circ\text{C}$)

Symbol	Description	Max	Unit
P_D	Power dissipation	80	mW
V_R	Reverse voltage	5	V
I_F	Forward current	30	mA
T_{opr}	Operating temperature range	-30°C to 80°C	
T_{stg}	Storage temperature range	-35°C to 85°C	
Lead soldering temperature $\leq 260^\circ\text{C}$ for 5 seconds			

Electro-optical Characteristic: ($T_a = 25^\circ\text{C}$)

Part No.	Chip			Wavelength (nm)	Lens Type	Iv (mcd)	Viewing Angle $2\theta_{1/2} (^\circ)$
	Material	Color	Vf (volt)			@20mA Typical	
LT569S-OTC-2-D1	AllnGaP	Red	2.0	620	Water clear	3000	20
LT569S-OTC-2-D2	AllnGaP	Red	2.0	620	Water clear	2000	30

Features

- Suitable for high pulse current operation
- Extra high radiant power and radiant intensity
- High reliability
- Choice of different packages—round and oval
- Various viewing angles
- Bin grade available for precision optical performance

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