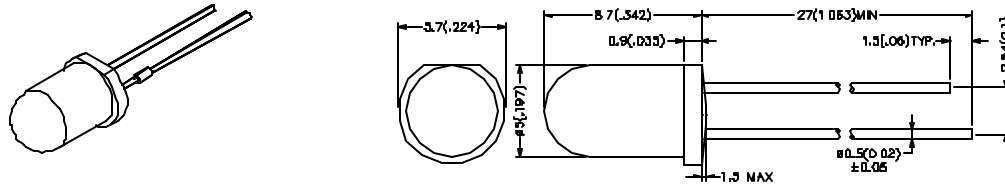


**HIGH INTENSITY LED – 5mm (T-1 3/4), TS Chip, Yellow**

DATA SHEET 3510 REV.



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

**Absolute Maximum Rating: (T<sub>a</sub> = 25°C)**

Symbol	Description	Max	Unit
P <sub>D</sub>	Power dissipation	85	mW
V <sub>R</sub>	Reverse voltage	5	V
I <sub>F</sub>	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 3 seconds			

**Electro-optical Characteristic: (T<sub>a</sub> = 25 °C)**

Part No.	Chip		Wavelength (nm)	Lens Type	V <sub>f</sub> (Volt) Typ.	I <sub>v</sub> (mcd) @20mA	Viewing Angle 2θ <sub>1/2</sub> (°)
	Material	Color				Typical	
LT-569S-YTC-3-D1	GaAlInP	Yellow	595	Water clear	2.2	8000	20
LT-569S-YTC-3-D2	GaAlInP	Yellow	595	Water clear	2.2	6000	30
LT-569S-YTC-3-D3	GaAlInP	Yellow	595	Water clear	2.2	4500	40

**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

# **SENSITRON**

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