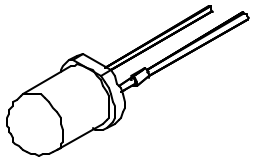
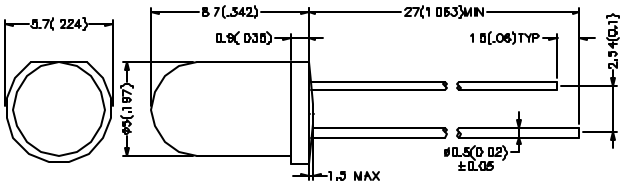
SENSITRON
SEMICONDUCTOR

Infrared emitting diode 5 mm (T1 3/4) LI569S





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

Electro-optical Characteristic: (T_a=25 °C, I_F =20 mA)

Part No.	Emission wavelength l_{Peak} (nm)	Power dissipation P_D (mw)	Reverse voltage V_R(V)	Forward voltage V_F (V)	Reverse current I_R (mA)Max	Emitting Angle $2q_{1/2}$ (°)	Radiant Intensity I_e (mw/sr)
LI569S-94C2	940	100	5	1.2	10	20	30
LI569S-88C2	880	100	5	1.4	10	20	30
LI569S-86C2	865	100	5	1.55	10	20	60
LI569S-85C2	850	100	5	1.6	10	20	60
LI569S-94C1	940	100	5	1.2	10	10	25
LI569S-85C1	850	100	5	1.6	10	10	55

Features

- Special for high current and low forward voltage
- High power output
- Water clear transparent package
- **Different wavelengths, viewing angles and packages are available**
- **IR Detectors are also available**

Description

Operating temperature range: -35°C to 85°C.

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