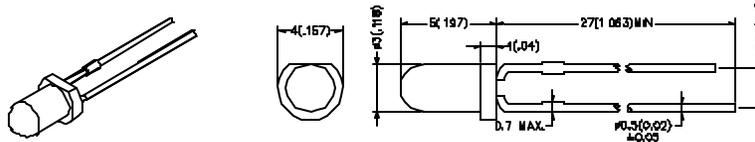


Water Clear LED – 3mm (T1), with flange, R, G, Y.

TECHNICAL DATA
DATA SHEET 3524, REV. -



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	V_f @ 20mA	I_v (mcd) @20mA	Viewing Angle $2\theta_{1/2}$ ($^\circ$)
	Material	Color			Typ.	Typ.	
LT345S-GC-1	GaP	Green	570	Water clear	2.1	30	30
LT345S-GC-2	GaP	Green	570	Water clear	2.1	300	30
LT345S-GC-3	GaP	Green	570	Water clear	2.1	500	30
LT345S-YEC	GaAsP/GaP	Yellow	590	Water clear	2.1	50	30
LT345S-REC	GaAsP/GaP	Red	635	Water clear	2.0	50	30
LT345S-RSC-1	GaAlAs	Red	660	Water clear	1.8	500	30
LT345S-RSC-2	GaAlAs	Red	660	Water clear	1.8	1000	30
LT345S-RSC-3	GaAlAs	Red	660	Water clear	1.8	1500	30
LT345S-OTC-1	GaAlInP	Orange	620	Water clear	2.0	1500	30
LT345S-OTC-2	GaAlInP	Orange	620	Water clear	2.0	2000	30
LT345S-YTC-1	GaAlInP	Yellow	592	Water clear	2.0	1500	30
LT345S-YTC-2	GaAlInP	Yellow	592	Water clear	2.0	2200	30

Features

- Versatile mounting on PCB or panel
- Popular T-1 diameter
- Choice of different colors and intensity
- Higher luminous efficiency than incandescent lamp
- General purpose leads
- Reliable and rugged
- Diffusants, tints and optical design are balanced to yield superior light output

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