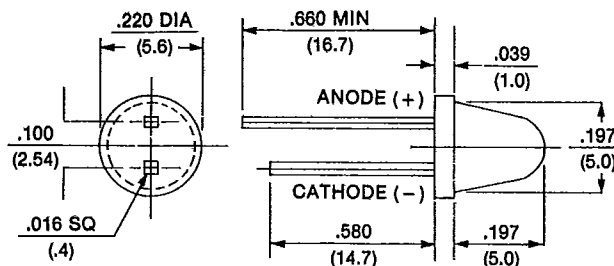
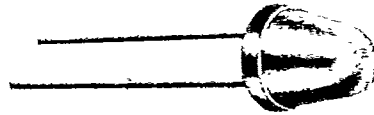


T-41-21



L291 Series

LOW PROFILE T-1 ¼ LEDs



TOL: ±.010
() METRIC DIM IN MM

FEATURES

- Tapered Lens provides attractive appearance
- Choice of Wide Angle (Diffused) or Point Source (Clear)
- High Intensity
- Low Power Consumption
- Compatible with most Integrated Circuits
- Long Life, Solid State Reliability

ABSOLUTE MAXIMUM RATINGS @ 25°C

Power Dissipation	75 mW
Storage Temperature	-30°C to +100°C
Operating Temperature	-30°C to + 85°C
Continuous Forward Current (Derate @ 0.5 mA/°C from 25°C)	35 mA
Reverse Voltage	4 V
Lead Soldering Temperature (0.1"/3 mm from body for 5 Seconds)	260°C

ELECTRO-OPTICAL CHARACTERISTICS

PART #	COLOR	LUMINOUS INTENSITY MCD @ 20 mA		FORWARD VOLT- AGE @ 10 mA		PEAK WAVELENGTH	TOTAL VIEWING ANGLE	REVERSE VOLTAGE @ IR = 100µA
		MIN	TYP	TYP	MAX			
L291DR	RED DIFF	5	10	2.1	2.5	700 nm	60°	4 VOLTS
L291DG	GREEN DIFF	4	8	2.0	2.5	555 nm	60°	4 VOLTS
L291DY	YELLOW DIFF	8	20	2.1	2.5	580 nm	60°	4 VOLTS
L291CR	RED CLEAR	8	16	2.1	2.5	700 nm	30°	4 VOLTS
L291CG	GREEN CLEAR	8	16	2.0	2.5	555 nm	30°	4 VOLTS
L291CY	YELLOW CLEAR	15	30	2.1	2.5	580 nm	30°	4 VOLTS