

## TIL321A 7-SEGMENT RED LED DISPLAY

### ABSOLUTE MAXIMUM RATINGS:

- Reverse voltage at 25°C = 5 V
- Peak forward current at 25°C = 150 mA per segment
- Average forward current at 25°C = 25 mA per segment
- Operating free-air temperature = -40°C to 85°C
- Lead temperature 1.6 mm below seating plane for 5 seconds = 250°C

### OPERATING CHARACTERISTICS:

- Luminous intensity at 10 mA per segment = 125  $\mu$ cd
- Wavelength at peak emission = 655 nm
- Spectral bandwidth = 20 nm
- Static forward voltage at 20 mA per segment = 1.7 V
- Static reverse current at  $V_r$  of 5 V = 100  $\mu$ A

**CAUTION: You must use current limiting when driving this device!**

