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NTE3060
0.3” Single Digit Numeric Display, Seven Segment, Common Cathode

Description:
The NTE3060 is a 0.3 inch (7.62mm) height single digit, seven segment, common cathode, right–hand decimal point display in a 14–Lead DIP type package

Features:
- Super Yellow Source Color (AlGaAs) with White Segments on a White Face
- 0.3 Inch (7.62mm) Digit Height
- Low Power Requirement
- Excellent Characters Appearance
- IC Compatible
- Easy Mounting on PC Board or Sockets

Absolute Maximum Ratings: (T_A = +25°C unless otherwise specified)
Power Dissipation (Per Segment), P_T 80mW
Peak Forward Current (Per Segment, 1/10 Duty Cycle, 0.1ms Pulse Width), $I_F$peak 80mA
Continuous Forward Current (Per Segment), I_F 20mA
Derate Linearly from 50°C (Per Segment) . . . . . 0.40mA/°C
Reverse Voltage (Per Segment), V_R 5V
Operating Temperature Range, T_{opr} . . . . . –40° to +80°C
Storage Temperature Range, T_{stg} . . . . . –40° to +80°C
Lead Temperatue (During Solder, 1/16” Below Seating Plane, 5sec max), T_L . . . . . +260°C

Electrical/Optical Characteristics: (T_A = +25°C unless otherwise specified)

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Average Luminous Intensity	I_v	I_F = 20mA	–	10	–	mcd
Peak Emission Wavelength	λ_P	I_F = 20mA	–	585	–	nm
Spectral Line Half–Width	$\Delta\lambda$	I_F = 20mA	19	24	29	nm
Forward Voltage, Any Segment or D.P.	V_F	I_F = 20mA	1.6	1.85	2.4	V
Reverse Current, Any Segment or D.P.	I_R	V_R = 5V	–	–	100	µA

Pin Connection Diagram