ELECTRONICS, INC.
44 FARRAND STREET
BLOOMFIELD, NJ 07003
(973) 748–5089
http://www.nteinc.com

NTE30106
LED – Dual Color
5mm Super Fresh Red/Super Yellow Green

Features:
- RoHS Compliant
- Water Clear
- Common Cathode Pin Configuration

Absolute Maximum Ratings: (T_A = +25°C unless otherwise specified)

Power Dissipation, P_d 100mW
Continuous Forward Current, I_F 20mA
Derate Linear from 30°C . . . . . 0.8mA/°C
Peak Forward Current (Note 1), I_{FM} 100mA
Reverse Voltage, V_R 5V
Operating Temperature Range, T_{opr} . . . . . –25°C to +80°C
Storage Temperature Range, T_{stg} . . . . . –40°C to +80°C
DIP Soldering Temperature (During Soldering, 1.6mm from body, 5sec max), T_L . . . . . +260°C

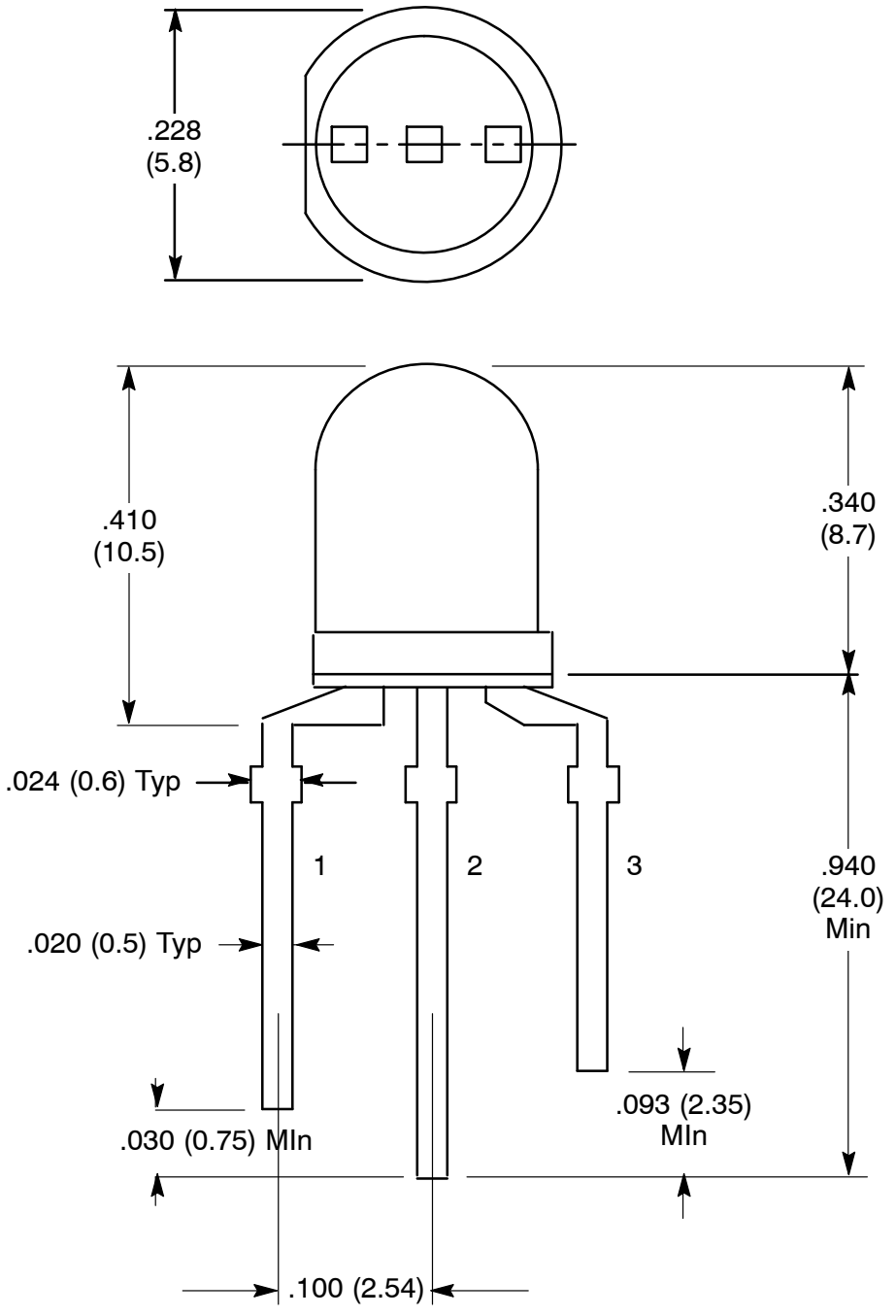
Note 1. Pulse Width ≤ 100μs, Duty Cycle ≤ 1%

Electro–Optical Characteristics: (T_A = +25°C unless otherwise specified)

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
View Angle of Half Power	$2\Theta 1/2$		–	20	–	deg
Forward Voltage						
High Efficiency Red	V_F	I_F = 20mA	1.8	2.0	2.2	V
Yellow Green			2.0	–	2.2	V
Luminous Intensity						
High Efficiency Red	I_V	I_F = 20mA	1000	–	1500	mcd
Yellow Green			400	600	800	mcd
Peak Emission Wavelength						
High Efficiency Red	λp	I_F = 20mA	620	625	630	nm
Yellow Green			565	570	575	nm

Rev 11–20

RoHS



1. Red +
2. Common Cathode Lead –
3. Yellow Green +