

ELECTRICAL CHARACTERISTICS AT 350mA  
JUNCTION TEMPERATURE, T<sub>j</sub> = 25°C

COLOR

RED

DOMINANT WAVELENGTH


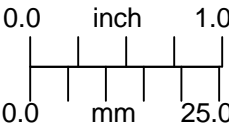

627nm @ 350mA

|                |      |      |                                 |     |  |
|----------------|------|------|---------------------------------|-----|--|
| FORWAD VOLTAGE |      |      | ABSOLUTE MAXIMUM RATINGS        |     |  |
| MIN.           | TYP. | MAX. | DC FORWARD CURRENT (mA)         | 700 |  |
| 2.31           | 2.9  | 3.51 | PEAK PULSED FOWARD CURRENT (mA) | 700 |  |
|                |      |      | AVERAGE FOWARD CURRENT (mA)     | 700 |  |
|                |      |      | REVERSE VOLTAGE (V)             | NA  |  |
|                |      |      | LED JUNCTION TEMPERATURE (C)    | 135 |  |

ELECTRICAL CHARACTERISTICS AT 700mA  
JUNCTION TEMPERATURE, T<sub>j</sub> = 25°C

TYPICAL FORWAD VOLTAGE  
3.60

OUTLINE

|   |  |  |  |  |         |          |
|---|--|--|--|--|---------|----------|
| UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES [MM]<br>AND INCLUDE CHEMICALLY<br>APPLIED OR PLATED FINISHES |  | PROPRIETARY AND CONFIDENTIAL<br><br>THE INFORMATION CONTAINED IN THIS<br>DRAWING IS THE SOLE PROPERTY OF<br>NAVITAR. ANY REPRODUCTION IN PART<br>OR AS A WHOLE WITHOUT THE WRITTEN<br>PERMISSION OF NAVITAR IS PROHIBITED. |  | <br>ROCHESTER, NEW YORK |         |          |
| SCALE: 1:1  |  |   |  | LED ASSEMBLY, RED  |         |          |
| WEIGHT: 0.14 lbmass   |  |  |  |  |         |          |
| DR BY: C Boggio   |  |  |  |  |         |          |
| CH BY: R. PODLENA   |  |  |  |  |         |          |
| PROJECT #: E2671  |  | DO NOT SCALE DRAWING   |  | SIZE   | 1-40035 | REV<br>C |
| DATE DR: 9/21/2011  |  |   |  | B  |         |          |
|   |  |  |  | SHEET 3 OF 3   |         |          |