

## Excellent Integrated System Limited

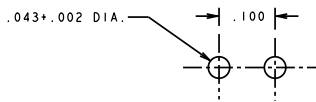
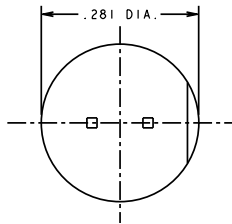
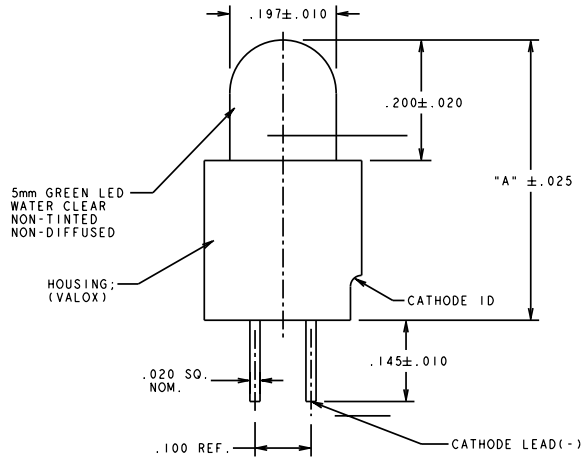
Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Dialight](#)  
[5615902050F](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)



RECOMMENDED P.C. HOLE PATTERN

Model Overlay Name

c16367-tc

OPERATING CHARACTERISTICS AT 25° C AMBIENT

| LED CHARACTERISTICS    | MIN. | TYP. | MAX. | UNITS | TEST CONDITIONS        |
|------------------------|------|------|------|-------|------------------------|
| FORWARD VOLTAGE        |      | 3.5  | 4.0  | V     | I <sub>F</sub> = 20 mA |
| REVERSE CURRENT        |      |      | 50   | μA    | V <sub>R</sub> = 5 V   |
| DOMINANT WAVELENGTH    |      | 525  |      |       | I <sub>F</sub> = 20 mA |
| LUMINOUS INTENSITY     | 1.3  | 2.2  |      | cd    | I <sub>F</sub> = 20 mA |
| VIEWING ANGLE (2° 1/2) |      | 30   |      | deg.  |                        |

NOTES:

1. REQUIRES EXTERNAL RESISTOR.
2. ATTENTION: OBSERVE PRECAUTIONS FOR HANDLING ELECTROSTATIC SENSITIVE DEVICES. FOR EYE SAFETY DO NOT STARE DIRECTLY INTO THE LIGHT BEAM OF THESE LED DEVICES AT CLOSE RANGE.
3. DIALIGHT PART NUMBER: 561-5902-050, -060, -070, -080, -090, -100.

| REV. | ECN NO. | REVISIONS   | DRN. | CKD. | APP. | DATE |
|------|---------|-------------|------|------|------|------|
| A    |         | NEW RELEASE | TC   |      |      |      |

| PART NUMBER  | DIM. "A" |
|--------------|----------|
| 561-5902-050 | .480     |
| 561-5902-060 | .580     |
| 561-5902-070 | .680     |
| 561-5902-080 | .780     |
| 561-5902-090 | .880     |
| 561-5902-100 | .980     |

ABSOLUTE MAXIMUM RATINGS AT 25° C AMBIENT

|                       | UNITS       |
|-----------------------|-------------|
| FORWARD CURRENT       | 30 mA       |
| REVERSE VOLTAGE       | 5 V         |
| POWER DISSIPATION     | 120 mW      |
| OPERATING TEMPERATURE | -30 +80 °C  |
| STORAGE TEMPERATURE   | -30 +100 °C |

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|                                        |                |                                             |
|----------------------------------------|----------------|---------------------------------------------|
| SCALE 5:1                              | DRAWING NUMBER | REV                                         |
| ALL DIM'S IN: INCHES                   | C-16439        | A                                           |
| TOLERANCES: UNLESS OTHERWISE SPECIFIED | TITLE          |                                             |
| FRACTIONS: ±1/64                       | MATERIAL       |                                             |
| DECIMALS (.XX): ±.020                  |                |                                             |
| DECIMALS (.XXX): ±.015                 |                |                                             |
| ANGLES: ±3°                            |                |                                             |
| FINISH:                                |                |                                             |
| FSCM 83330                             | Dialight       | 1913 ATLANTIC AVE.<br>MANASQUAN, N.J. 08736 |
|                                        | SHEET OF       | FAMILY TABLE:                               |