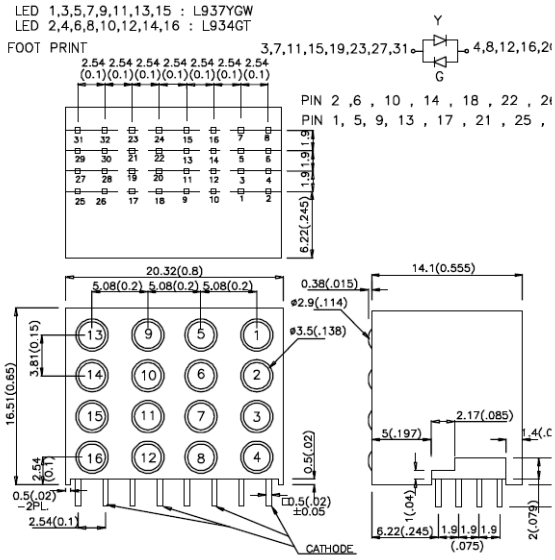
## Package Dimensions

P/N: EGY16CBI
T-1 (3mm) RIGHT ANGLE LED INDICATORS




Notes:
1. All dimensions are in millimeters (inches).
2. Tolerance is ±0.25(0.01") unless otherwise noted.
3. Lead spacing is measured where the lead emerge package.
4. Specifications are subject to change without notice.

| Dice | Lens Type | Iv (mcd) @ 10 mA *20mA | | Viewin Angle |
|---|---|---|---|---|
| | | Min. | Max. | 2θ1/2 |
| GREEN (GaP) | GREEN TRANS. | 20 | 80 | 50° |
| YELLOW (GaAsP/GaP) | WHITE DIFFUSED | *5 | *20 | 60° |
| GREEN (GaP) | | *8 | *40 | |

Electrical / Optical Characteristics at $T_A$=25°C

| Symbol | Parameter | Device | Typ. | Max. | Units | Test Conditions |
|---|---|---|---|---|---|---|
| λpeak | Peak Wavelength | Green<br>Yellow | 565<br>590 | | nm | IF=20mA |
| Δλ1/2 | Spectral Line Halfwidth | Green<br>Yellow | 30<br>35 | | nm | IF=20mA |
| C | Capacitance | Green<br>Yellow | 45<br>10 | | pF | VF=0V;f=1MHz |
| $V_F$ | Forward Voltage | Green<br>Yellow | 2.2<br>2.1 | 2.5<br>2.5 | V | IF=20mA |
| $I_R$ | Reverse Current | All | 10 | | uA | VR = 5V |

Absolute Maximum Ratings at $T_A$=25°C

| Parameter | Green | Yellow | Units |
|---|---|---|---|
| Power dissipation | 105 | 105 | mW |
| DC Forward Current | 25 | 30 | mA |
| Peak Forward Current [1] | 150 | 150 | mA |
| Reverse Voltage | 5 | 5 | V |
| Operating/Storage Temperature | -40°C To +85°C | | |
| Lead Soldering Temperature [2] | 260°C For 5 Seconds | | |