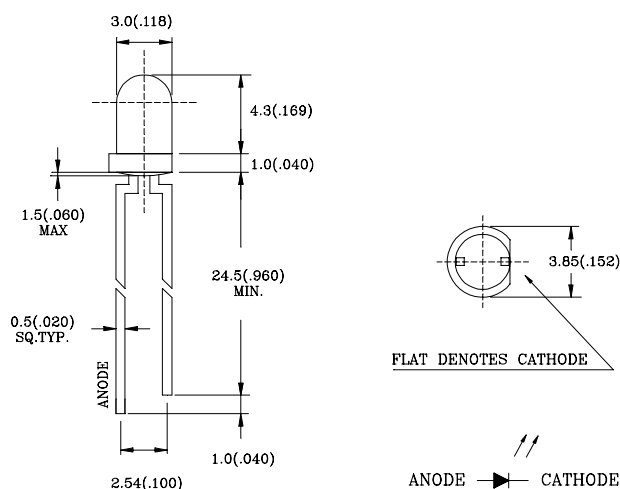



◆PACKAGE DIMENSIONS

◆ABSOLUTE MAXIMUN RATING: (Ta=25°C)

| Part No. | P _D (mw) | V _R (V) | Topr | Tstg |
|--|---------------------|--------------------|-----------------------------|---------------------------|
| L-31XXIR1XX | 100 | 5 | -35°C to 85°C | -35°C to 85°C |
| PARAMETER | Power Dissipation | Reverse Voltage | Operating Temperature Range | Storage Temperature Range |
| Lead Soldering Temperature { 1.6mm (0.063 inch) From Body } 250°C ±5°C For 3 Seconds | | | | |

◆ELECTRO-OPTICAL CHARACTERISTICS: (Ta=25°C)

| Part No. | V _F (V) | | | I _R (uA) | | | λ _P (nm) | | | 2θ 1/2 (Age) | | | I _e (mw/sr) | | |
|-------------------|---|------------|-----|---------------------|-----|-----|-----------------------|-----|-----|----------------------|-----|-----|------------------------|-----|-----|
| | Min | Typ | Max | Min | Typ | Max | Min | Typ | Max | Min | Typ | Max | Min | Typ | Max |
| L-314EIR1C | | 1.2 1.4 | 1.6 | | | 10 | | 940 | | | 20 | | 7 | 14 | |
| L-315EIR1C | | 1.2 1.4 | 1.6 | | | 10 | | 940 | | | 25 | | 6 | 12 | |
| L-316EIR1C | | 1.2 1.4 | 1.6 | | | 10 | | 940 | | | 30 | | 6 | 12 | |
| L-318EIR1C | | 1.2 1.4 | 1.6 | | | 10 | | 940 | | | 40 | | 6 | 10 | |
| L-314EIR1BC | | 1.2 1.4 | 1.6 | | | 10 | | 940 | | | 20 | | 7 | 14 | |
| L-315EIR1BC | | 1.2 1.4 | 1.6 | | | 10 | | 940 | | | 25 | | 6 | 12 | |
| L-316EIR1BC | | 1.2 1.4 | 1.6 | | | 10 | | 940 | | | 30 | | 6 | 12 | |
| L-318EIR1BC | | 1.2 1.4 | 1.6 | | | 10 | | 940 | | | 40 | | 6 | 10 | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| TEST CONDITION | I _F =20mA I _F =100mA | | | V _R = 5V | | | I _F = 20mA | | | I _F =20mA | | | I _F = 20mA | | |

BC=BLUE CLEAR

- All dimension are in millimeter (inches).
- Tolerance is ±0.25mm(0.01")unless otherwise specified.