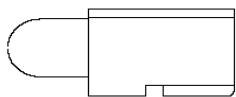


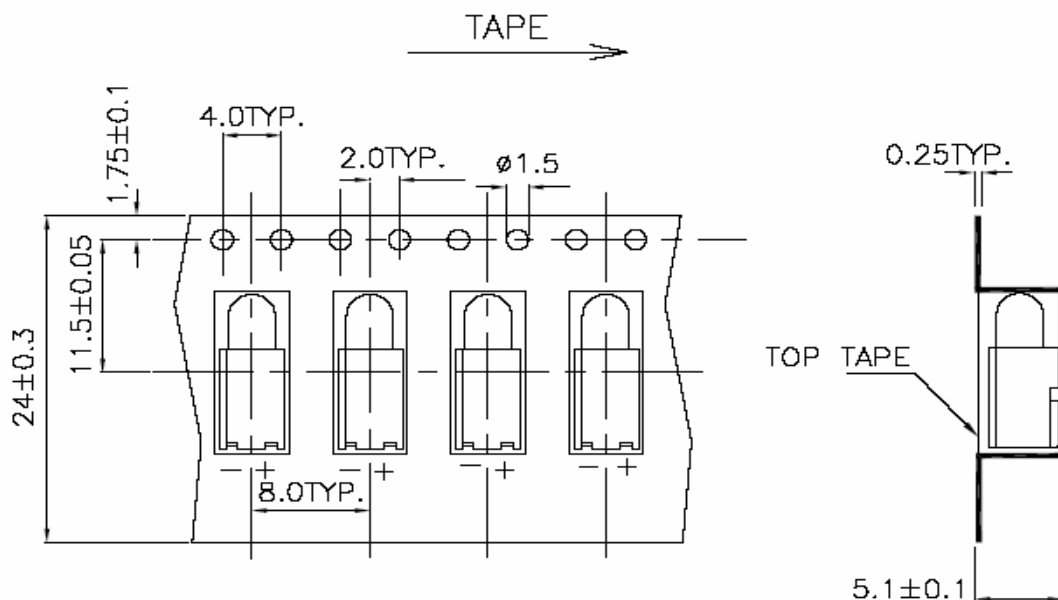
EDCON-COMPONENTS



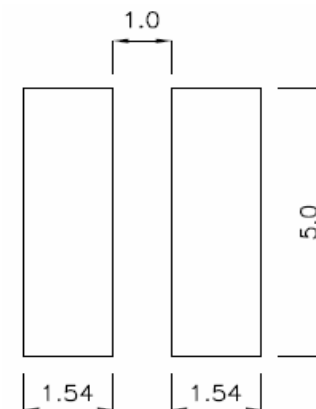
Features

- Pre-Trimmed Leads for PC Mounting
- Can be assembled with each other
- I.C. compatible
- Black case enhances contrast ratio
- Wide Viewing angle
- High Reliability life measured in years
- Housing Material: PPA
- Package: 1000PCS/Reel
- High Temperature Resistant Housing
- High Class Transfer Temperature Epoxy

Tape Specifications (mm)



P.C.B. Pad Dimensions



SMD LED-HOLDER

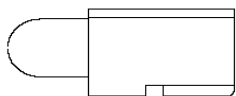
Part No.: **M19002**

Customer:

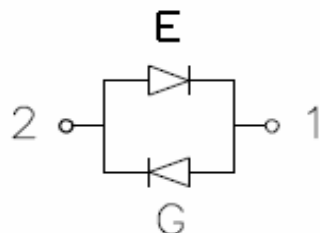
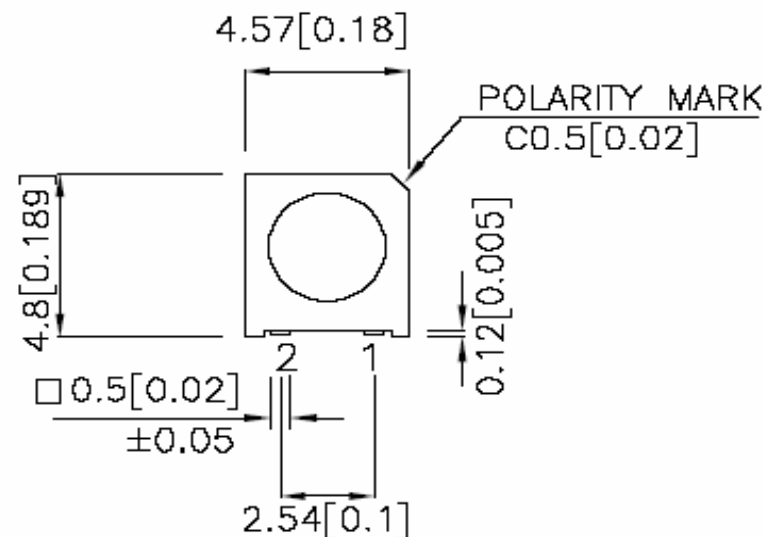
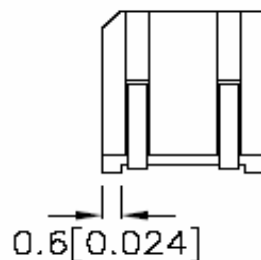
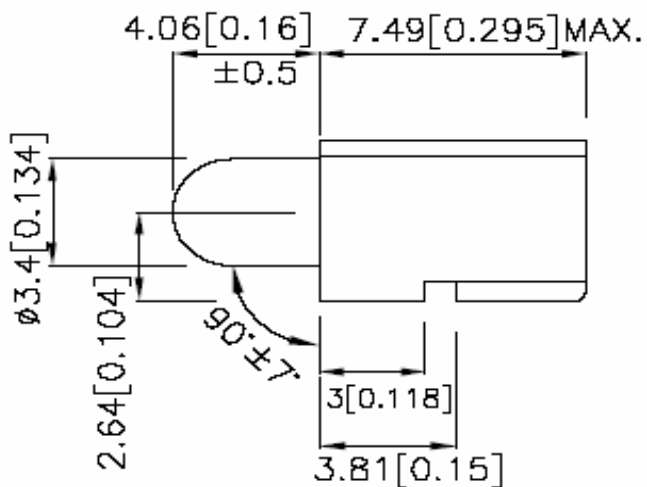
| | | | | | | | | | |
|-------|--------|------|--------|--------|--------|-----------|-----------|----------|------------|
| DRW: | Jason | CHKD | Wilson | MATL: | Wilson | TOLERANCE | Mason | DATE | 20.09.2010 |
| APPD: | Schumi | | | FINISH | Jamy | | Sheet No. | 1 from 4 | |

www.edcon-components.com

email: info@edcon-components.com



Technical Drawing

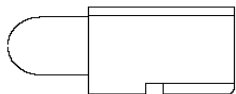


All Dimensions are in millimeters (inches)
 Toleranced is 0,25 (0,01) unless otherwise noted
 Specifications are subject to change without notice

| | |
|-----------------------|---------------|
| SMD LED-HOLDER | |
| Part No.: | M19002 |
| Customer: | |

| | | | | | | | | | |
|-------|--------|------|--------|--------|--------|-----------|-----------|----------|------------|
| DRW: | Jason | CHKD | Wilson | MATL: | Wilson | TOLERANCE | Mason | DATE | 20.09.2010 |
| APPD: | Schumi | | | FINISH | Jamy | | Sheet No. | 2 from 4 | |

EDCON-COMPONENTS



Ordering Informations

| | | | | | | | | | | |
|---------------|----------------|----------|-----------|--|--|--|--|--|--|--|
| Serie | Emitting Color | ROHS | Package | | | | | | | |
| M19002 | RG | R | TR | | | | | | | |

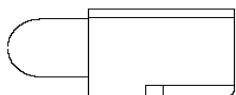
| | | |
|-------------------------|--|-----------------------|
| RG = Red / Green | R = ROHS Conform N = NON ROHS | TR = Tape Reel |
|-------------------------|--|-----------------------|

| LED Informations | | | | | | |
|-----------------------|-----------|----------|-----|-----------------|---------------|-----------------|
| Emmiting Color of LED | Lens Type | Iv (mcd) | | Wavelength (nm) | Viewing Angle | Test Conditions |
| | | min | typ | | | |
| Red | diffused | 7 | 20 | 627 | 60° | 20mA |
| Green | diffused | 7 | 20 | 565 | 60° | 20mA |
| | | | | | | |
| | | | | | | |

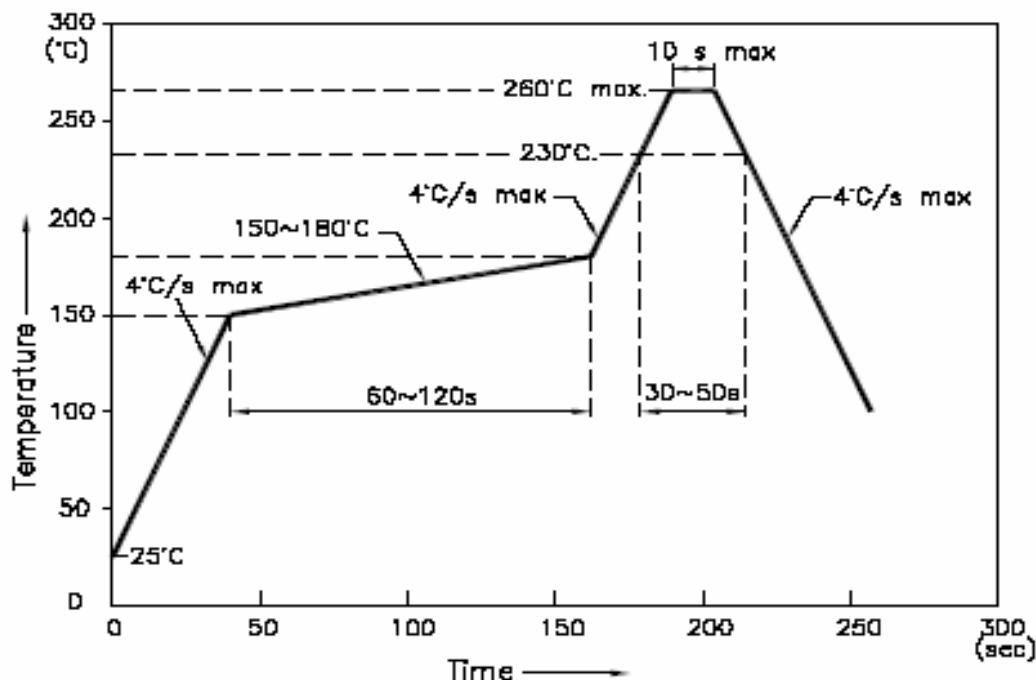
If special sorting is required (e.g. binning based on forward voltage, Luminous intensity luminous flux, or wavelength the typical accuracy of the sorting process is as follows.
 Wavelength: +/- 2nm
 Luminous intensity / luminous flux +/- 15%
 Forward Voltage: +/- 0,1Volt

| | |
|-----------------------|---------------|
| SMD LED-HOLDER | |
| Part No.: | M19002 |
| Customer: | |

| | | | | | | | | | |
|-------|--------|------|--------|--------|--------|-----------|-----------|------|------------|
| DRW: | Jason | CHKD | Wilson | MATL: | Wilson | TOLERANCE | Mason | DATE | 20.09.2010 |
| APPD: | Schumi | | | FINISH | Jamy | | Sheet No. | | 3 from 4 |



Soldering Profile Curve



NOTES:

1. We recommend the reflow temperature 245°C(+/-5°C). The maximum soldering temperature should be limited to 260°C.
2. Don't cause stress to the epoxy resin while it is exposed to high temperature.
3. Number of reflow process shall be 2 times or less.

| | |
|-----------------------|---------------|
| SMD LED-HOLDER | |
| Part No.: | M19002 |
| Customer: | |

| | | | | | | | | | |
|-------|--------|------|--------|--------|--------|-----------|-----------|----------|------------|
| DRW: | Jason | CHKD | Wilson | MATL: | Wilson | TOLERANCE | Mason | DATE | 20.09.2010 |
| APPD: | Schumi | | | FINISH | Jamy | | Sheet No. | 4 from 4 | |