

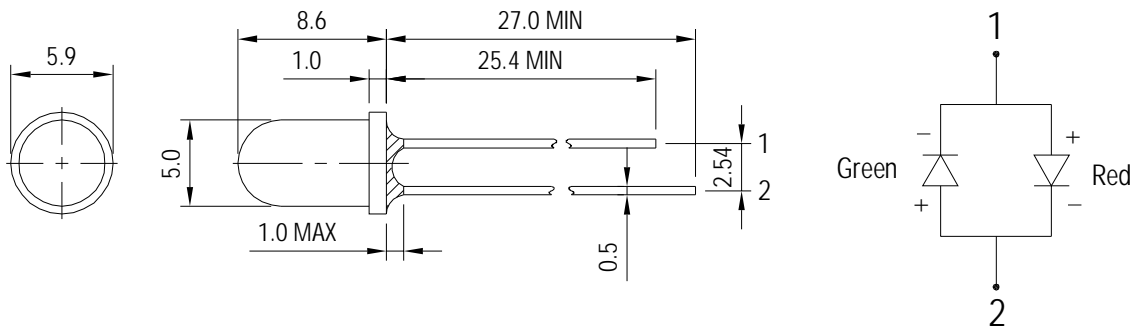
JOINSCAN LEDs

| ∅ 5.0 mm BICOLOR CLEAR TYPE LED LAMP | |
|--------------------------------------|--------------|
| MODEL NO. | L5071C |
| EMITTING COLOR | RED / GREEN |
| DICE | GaAlAs / GaP |
| LENS | CLEAR TYPE |

| ABSOLUTE MAXIMUM RATINGS (最大極限值) | | | |
|---|--------|-----------------|--------|
| TA = 25°C | | | |
| PARAMETER | SYMBOL | RATING | UNIT |
| RED POWER DISSIPATION | P AD | 54.0 | mW |
| GREEN POWER DISSIPATION | P AD | 44.0 | mW |
| DERATING LINEAR FROM 25°C | | 0.27 | m / °C |
| RED CONTINUOUS FORWARD CURRENT | I AF | 30.0 | mA |
| GREEN CONTINUOUS FORWARD CURRENT | I AF | 20.0 | mA |
| PEAK FORWARD CURRENT (DUTY CYCLE 1 / 10 , 10KHZ) | I PF | 90.0 | mA |
| REVERSE VOLTAGE | V R | 5.0 | V |
| OPERATING TEMPERATURE | T OPR | -25°C TO + 85°C | |
| STORAGE TEMPERATURE | T STG | -25°C TO + 85°C | |
| SOLDER TEMPERATURE 1/16 INCH BELOW SEATING PLANE FOR 5 SECONDS AT 230 °C OR 3 SECONDS AT 250 °C | | | |

| RED ELECTRO - OPTICAL CHARACTERISTICS (電性) | | | | | | |
|--|-------------|------------|-----|-----|-----|---------|
| TA = 25°C | | | | | | |
| PARAMETER | SYMBOL | CONDITION | MIN | TYP | MAX | UNIT |
| FORWARD VOLTAGE | V F | I F = 20mA | — | 1.8 | — | V |
| LUMINOUS INTENSITY | I V | I F = 20mA | — | 150 | — | mcd |
| PEAK EMISSION WAVELENTH | λ P | I F = 20mA | — | 660 | — | nm |
| REVERSE CURRENT | I R | VR = 5V | — | — | 100 | μ A |

| GREEN ELECTRO - OPTICAL CHARACTERISTICS (電性) | | | | | | |
|--|-------------|------------|-----|-----|-----|---------|
| TA = 25°C | | | | | | |
| PARAMETER | SYMBOL | CONDITION | MIN | TYP | MAX | UNIT |
| FORWARD VOLTAGE | V F | I F = 20mA | — | 2.2 | — | V |
| LUMINOUS INTENSITY | I V | I F = 20mA | — | 75 | — | mcd |
| PEAK EMISSION WAVELENTH | λ P | I F = 20mA | — | 570 | — | nm |
| REVERSE CURRENT | I R | VR = 5V | — | — | 100 | μ A |



UNIT : mm
TOLERANCE : ± 0.2mm
REV : B