

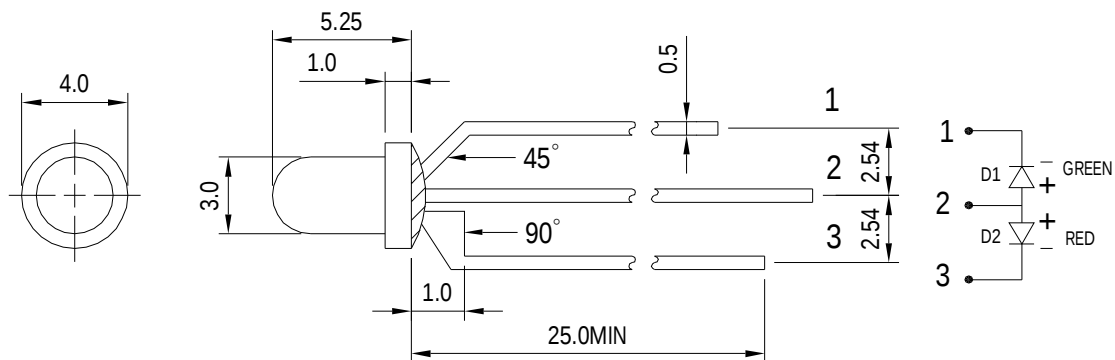
# JOINSCAN LEDs

| Ø 3.0 mm 3PINs DUAL COLOR CLEAR TYPE LED LAMP |              |
|-----------------------------------------------|--------------|
| MODEL NO.                                     | L3061CX +    |
| EMITTING COLOR                                | GREEN / RED  |
| DICE                                          | GaP / GaAlAs |
| LENS                                          | CLEAR TYPE   |

| ABSOLUTE MAXIMUM RATINGS ( 最大極限值 )<br>TA = 25 °C                                                |        |                   |        |
|-------------------------------------------------------------------------------------------------|--------|-------------------|--------|
| PARAMETER                                                                                       | SYMBOL | RATING            | UNIT   |
| D1 GREEN POWER DISSIPATION                                                                      | P AD   | 44.0              | mW     |
| D2 RED POWER DISSIPATION                                                                        | P AD   | 51.0              | mW     |
| DERATING LINEAR FROM 25 °C                                                                      |        | 0.27              | m / °C |
| D1 GREEN CONTINUOUS FORWARD CURRENT                                                             | I AF   | 20.0              | mA     |
| D2 RED CONTINUOUS FORWARD CURRENT                                                               | I AF   | 30.0              | 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 |        |                   |        |

| D1 GREEN ELECTRO - OPTICAL CHARACTERISTICS ( 電性 )<br>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 | —   | 50  | —   | mcd  |
| PEAK EMISSION WAVELENTH                                         | $\lambda$ P | I F = 20mA | —   | 570 | —   | nm   |
| REVERSE CURRENT                                                 | I R         | VR = 5V    | —   | —   | 100 | μA   |

| D2 RED ELECTRO - OPTICAL CHARACTERISTICS ( 電性 )<br>TA = 25 °C |             |            |     |     |     |      |
|---------------------------------------------------------------|-------------|------------|-----|-----|-----|------|
| PARAMETER                                                     | SYMBOL      | CONDITION  | MIN | TYP | MAX | UNIT |
| FORWARD VOLTAGE                                               | V F         | I F = 20mA | —   | 1.7 | —   | V    |
| LUMINOUS INTENSITY                                            | I V         | I F = 20mA | —   | 100 | —   | mcd  |
| PEAK EMISSION WAVELENTH                                       | $\lambda$ P | I F = 20mA | —   | 650 | —   | nm   |
| REVERSE CURRENT                                               | I R         | VR = 5V    | —   | —   | 100 | μA   |



UNIT : mm  
TOLERANCE : ± 0.2mm  
REV : B