

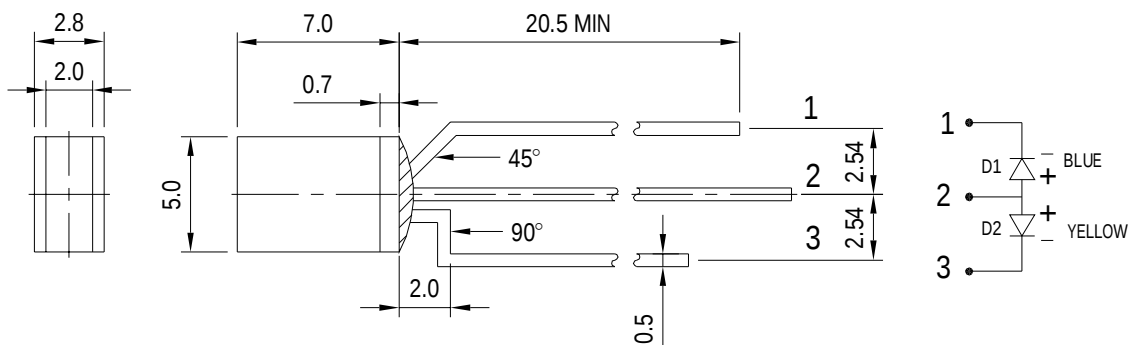
# JOINSCAN LEDs

| 2 X 5 mm 3PINs DUAL COLOR CLEAR TYPE LED LAMP |               |
|-----------------------------------------------|---------------|
| MODEL NO.                                     | L2565CX       |
| EMITTING COLOR                                | BLUE / YELLOW |
| DICE                                          | SiC / GaP     |
| LENS                                          | CLEAR TYPE    |

| ABSOLUTE MAXIMUM RATINGS ( 最大極限值 )                                                              |        |                   |        |
|-------------------------------------------------------------------------------------------------|--------|-------------------|--------|
| TA = 25 °C                                                                                      |        |                   |        |
| PARAMETER                                                                                       | SYMBOL | RATING            | UNIT   |
| D1 BLUE POWER DISSIPATION                                                                       | P AD   | 72.0              | mW     |
| D2 YELLOW POWER DISSIPATION                                                                     | P AD   | 44.0              | mW     |
| DERATING LINEAR FROM 25 °C                                                                      |        | 0.27              | m / °C |
| D1 BLUE CONTINUOUS FORWARD CURRENT                                                              | I AF   | 20.0              | mA     |
| D2 YELLOW 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 |        |                   |        |

| D1 BLUE ELECTRO - OPTICAL CHARACTERISTICS ( 電性 ) |             |            |     |     |     |         |
|--------------------------------------------------|-------------|------------|-----|-----|-----|---------|
| TA = 25 °C                                       |             |            |     |     |     |         |
| PARAMETER                                        | SYMBOL      | CONDITION  | MIN | TYP | MAX | UNIT    |
| FORWARD VOLTAGE                                  | V F         | I F = 20mA | —   | 3.6 | —   | V       |
| LUMINOUS INTENSITY                               | I V         | I F = 20mA | —   | 150 | —   | mcd     |
| PEAK EMISSION WAVELENGTH                         | $\lambda$ P | I F = 20mA | —   | 470 | —   | nm      |
| REVERSE CURRENT                                  | I R         | VR = 5V    | —   | —   | 100 | $\mu$ A |

| D2 YELLOW ELECTRO - OPTICAL CHARACTERISTICS ( 電性 ) |             |            |     |     |     |         |
|----------------------------------------------------|-------------|------------|-----|-----|-----|---------|
| TA = 25 °C                                         |             |            |     |     |     |         |
| PARAMETER                                          | SYMBOL      | CONDITION  | MIN | TYP | MAX | UNIT    |
| FORWARD VOLTAGE                                    | V F         | I F = 20mA | —   | 2.0 | —   | V       |
| LUMINOUS INTENSITY                                 | I V         | I F = 20mA | —   | 37  | —   | mcd     |
| PEAK EMISSION WAVELENGTH                           | $\lambda$ P | I F = 20mA | —   | 600 | —   | nm      |
| REVERSE CURRENT                                    | I R         | VR = 5V    | —   | —   | 100 | $\mu$ A |



UNIT : mm  
TOLERANCE :  $\pm 0.2$ mm  
REV : B