

# JOINSCAN LEDs

| LED LAMP — $\phi$ 3.0 mm SERIES |                     |
|---------------------------------|---------------------|
| MODEL NO.                       | L314YCW             |
| EMITTING COLOR                  | ULTRA BRIGHT YELLOW |
| DICE                            | GaAlInP             |
| LENS                            | Water Clear         |

## ABSOLUTE MAXIMUM RATINGS ( 最大極限值 )

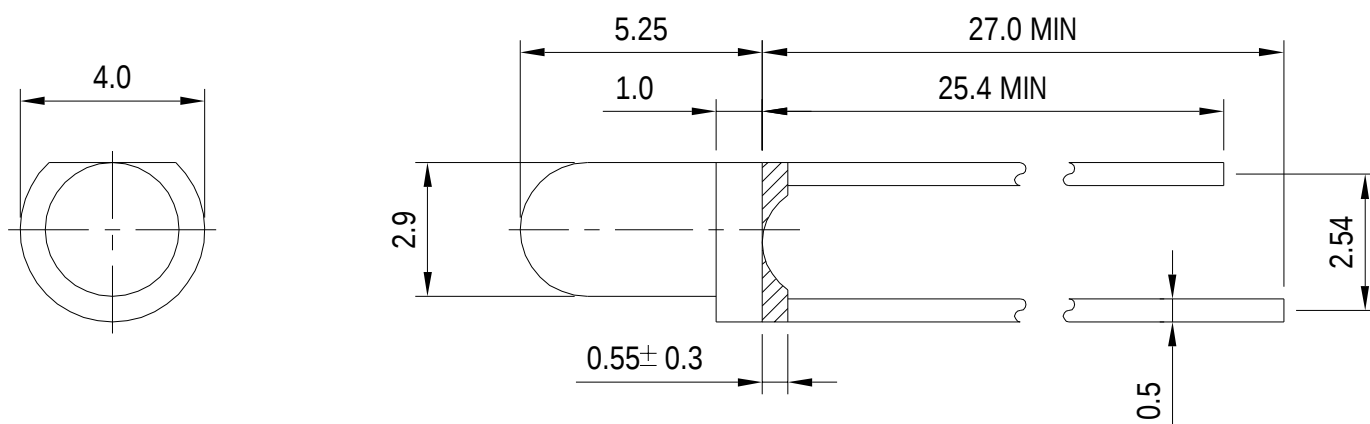
TA = 25°C

| PARAMETER                                                                                       | SYMBOL | RATING          | UNIT   |
|-------------------------------------------------------------------------------------------------|--------|-----------------|--------|
| POWER DISSIPATION                                                                               | P AD   | 44.0            | mW     |
| DERATING LINEAR FROM 25°C                                                                       |        | 0.27            | m / °C |
| 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 |        |                 |        |

## 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 | —   | 1000 | —   | mcd     |
| PEAK EMISSION WAVELENGTH | $\lambda$ P | I F = 20mA | —   | 590  | —   | nm      |
| REVERSE CURRENT          | I P         | I F = 5mA  | —   | —    | 100 | $\mu$ A |



UNIT : mm

TOLERANCE : ± 0.2mm

REV : B