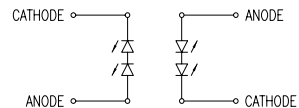


ELECTRO-OPTICAL CHARACTERISTICS  $T_A=25^{\circ}\text{C}$   $I_f=20\text{mA}$ 

| PARAMETER         | MIN                  | TYP | MAX  | UNITS | TEST COND            |
|-------------------|----------------------|-----|------|-------|----------------------|
| PEAK WAVELENGTH   |                      | -   |      | nm    |                      |
| FORWARD VOLTAGE   |                      | 6.6 | 8.00 | $V_f$ |                      |
| REVERSE VOLTAGE   | 5.0                  |     |      | $V_r$ | $I_f=100\mu\text{A}$ |
| AXIAL INTENSITY   |                      | TBA |      | mcd   | $I_f=20\text{mA}$    |
| CHROMATICITY X    |                      | TBA |      |       |                      |
| COORDINATES Y     |                      | TBA |      |       |                      |
| EMITTED COLOR:    | WHITE                |     |      |       |                      |
| REFLECTOR FINISH: | CLEAR WHITE DIFFUSER |     |      |       |                      |

LIMITS OF SAFE OPERATION AT  $25^{\circ}\text{C}$  PER DIE

| PARAMETER                        | MAX        | UNITS                  |
|----------------------------------|------------|------------------------|
| PEAK FORWARD CURRENT*            | 100        | mA                     |
| STEADY CURRENT                   | 25         | mA                     |
| POWER DISSIPATION                | 270        | mW                     |
| DERATE FROM $25^{\circ}\text{C}$ | -1.2       | mW/ $^{\circ}\text{C}$ |
| OPERATING TEMP.                  | -40 TO +85 | $^{\circ}\text{C}$     |
| STORAGE TEMP.                    | -40 TO +85 | $^{\circ}\text{C}$     |
| SOLDERING TEMP.                  | +260       | $^{\circ}\text{C}$     |
| 2.0mm FROM BODY                  |            | 3 SEC. MAX             |

\*  $t < 10\mu\text{s}$ 

\*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X= $\pm 1$  ( $\pm 0.039$ ), X.X= $\pm 0.5$  ( $\pm 0.020$ ), X.XX= $\pm 0.25$  ( $\pm 0.010$ ), X.XXX= $\pm 0.127$  ( $\pm 0.005$ ). LEAD SIZE= $\pm 0.05$  ( $\pm 0.002$ ), LEAD LENGTH= $\pm 0.75$  ( $\pm 0.030$ ). MIN.=  $+\frac{\text{DECIMAL PRECISION}}{-0.00}$  MAX.=  $+\frac{0.00}{-\text{DECIMAL PRECISION}}$

UNCONTROLLED DOCUMENT