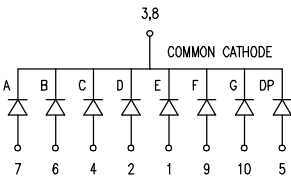


| ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ $I_f=10\text{mA}$ |                      |      |     |                |
|----------------------------------------------------------------------------|----------------------|------|-----|----------------|
| PARAMETER                                                                  | MIN                  | TYP  | MAX | UNITS          |
| PEAK WAVELENGTH                                                            |                      | 635  |     | nm             |
| FORWARD VOLTAGE                                                            |                      | 2.1  | 2.8 | $V_f$          |
| REVERSE VOLTAGE                                                            | 5.0                  |      |     | $V_r$          |
| AXIAL INTENSITY                                                            |                      | 3900 |     | $\mu\text{cd}$ |
| EMITTED COLOR:                                                             | RED                  |      |     |                |
| FACE COLOR:                                                                | GRAY                 |      |     |                |
| SEGMENT COLOR:                                                             | MILKY WHITE DIFFUSED |      |     |                |

| LIMITS OF SAFE OPERATION AT $25^{\circ}\text{C}$ PER CHIP |             |                        |
|-----------------------------------------------------------|-------------|------------------------|
| PARAMETER                                                 | MAX         | UNITS                  |
| PEAK FORWARD CURRENT*                                     | 150         | mA                     |
| STEADY CURRENT                                            | 25          | mA                     |
| POWER DISSIPATION                                         | 105         | mW                     |
| DERATE FROM $25^{\circ}\text{C}$                          | -1.6        | mW/ $^{\circ}\text{C}$ |
| OPERATING, STORAGE TEMP.                                  | -40 TO +105 | $^{\circ}\text{C}$     |
| 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=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN=+DECIMAL PRECISION MAX.=+0.00 -DECIMAL PRECISION

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