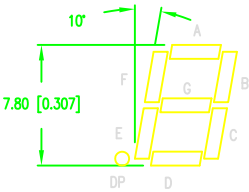


DIGIT DETAIL



COMMON ANODE  
NOTE: NO PIN 4,5,12  
NO CONNECTION: PIN 9

| ELECTRO-OPTICAL CHARACTERISTICS T <sub>A</sub> =25°C I <sub>f</sub> =10mA |                      |           |     |                |                       |
|---|----------------------|-----------|-----|----------------|-----------------------|
| PARAMETER   | MIN                  | TYP       | MAX | UNITS          | TEST COND             |
| PEAK WAVELENGTH   |                      | 635 (RED) |     | nm             |                       |
| FORWARD VOLTAGE   |                      | 2.0       | 2.5 | V <sub>f</sub> |                       |
| REVERSE VOLTAGE   | 5.0                  |           |     | V <sub>r</sub> | I <sub>r</sub> =100µA |
| AXIAL INTENSITY   |                      | 3500      |     | µcd            | I <sub>f</sub> =10mA  |
| EMITTED COLOR:  | RED                  |           |     |                |                       |
| FACE COLOR:   | GRAY                 |           |     |                |                       |
| SEGMENT COLOR:  | MILKY WHITE DIFFUSED |           |     |                |                       |

| LIMITS OF SAFE OPERATION AT 25°C PER CHIP |             |            |
|---|-------------|------------|
| PARAMETER                                 | MAX         | UNITS      |
| PEAK FORWARD CURRENT*                     | 150         | mA         |
| STEADY CURRENT                            | 25          | mA         |
| POWER DISSIPATION                         | 105         | mW         |
| DERATE FROM 25°C                          | - 1.2       | mW/°C      |
| OPERATING, STORAGE TEMP.                  | - 40 TO +85 | °C         |
| SOLDERING TEMP.                           | + 260       | °C         |
| 2.0mm FROM BODY                           |             | 3 SEC. MAX |
| * t<10µS                                  |             |            |

\*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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