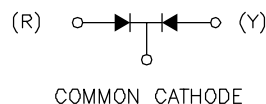
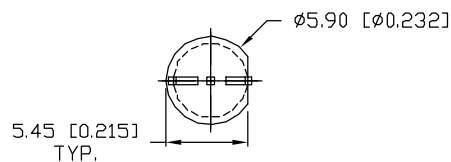
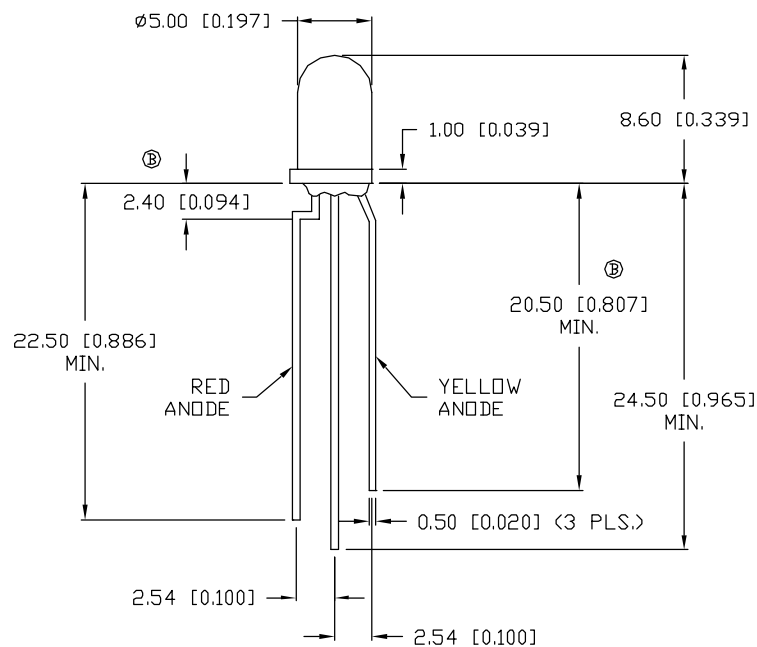


| DATE | REVISIONS | REV |
|---------|------------------------------|-----|
| 4-5-95 | CHG'D SPECS. | A |
| 9-7-95 | CORRECTED DIMS. WHERE NOTED. | B |
| 3-18-98 | E.C.N. #10BRDR. & REDRAWN./ | C |

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UNLESS OTHERWISE SPECIFIED TOLERANCE IS $\pm 0.25\text{mm}$ ($\pm 0.010''$)

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

| PARAMETER | MIN | TYP | MAX | UNITS | TEST COND |
|-----------------------|-----|---------------------------|-----|----------|------------------------|
| PEAK WAVELENGTH | | 635 (RED) 585 (YELLOW) | | nm | |
| FORWARD VOLTAGE(R/Y) | | 2.0/2.1 | 2.5 | V_f | |
| REVERSE VOLTAGE | 5.0 | | | V_r | $I_r = 100\mu\text{A}$ |
| AXIAL INTENSITY (R/Y) | | 55/40 | | mcd | $I_f = 20\text{mA}$ |
| VIEWING ANGLE | | 60 | | 2x theta | |
| EMITTED COLOR: | | RED/YELLOW | | | |
| EPOXY LENS FINISH: | | MILKY WHITE DIFFUSED | | | |

① LIMITS OF SAFE OPERATION AT 25°C

| PARAMETER | COLORS | MAX | UNITS |
|--------------------------------|--------|------------|----------------------|
| PEAK FORWARD CURRENT* | | 150 | mA |
| STEADY CURRENT | (G/Y) | 25/30 | mA |
| POWER DISSIPATION | | 105 | mW |
| DERATE FROM 25°C | | -1.2 | mW/ $^\circ\text{C}$ |
| OPERATING, STORAGE TEMP. | | -40 TO +85 | $^\circ\text{C}$ |
| SOLDERING TEMP. | | +260 | $^\circ\text{C}$ |
| 2.0mm FROM BODY | | | 3 SEC. MAX |

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

RELIABILITY NOTE

OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.

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| | | | |
|---------------|------|--------|-------|
| DATE: 3-14-94 | DWN: | CHK'D: | APPD: |
| SCALE: N/A | | | |

T-5mm (T-1 3/4) LED, RED/YELLOW BICOLOR,
MILKY WHITE DIFFUSED LENS, COMMON CATHODE.

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