



NOTE

1. LED LEADS SILVER.

## ELECTRO-OPTICAL CHARACTERISTICS TA =25°C If =20mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH FORWARD VOLTAGE REVERSE VOLTAGE AXIAL INTENSITY VIEWING ANGLE EMITTED COLOR EPOXY LENS FINISH	4.0 RED RED D	660 (RED) 1.7 200 60 FFUSED	2.2	nm V <sub>f</sub> V <sub>r</sub> mcd 2x theta	I <sub>r</sub> =100⊔A I <sub>r</sub> =20mA

## LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT* STEADY CURRENT POWER DISSIPATION DERATE FROM 25'C OPERATING, STORAGE TEMP LEAD SOLDERING TEMP 2.0mm FROM BODY	150 3D 100 -1.2 -4D TO +85 +260	mA mA mW/*C *C *C 3 SEC. MAX

<sup>\*</sup> t<10uS

## RELIABILITY NOTE:

DUR 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: 11-21-96 DWN: CHK'D: APPD: SCALE: N/A

T5mm (T-1 3/4) LED, SUPER RED DIFFUSED

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