



3, 5, 11, 16  
COMMON ANODE

PIN 6 (N/C)

UNLESS OTHERWISE SPECIFIED TOLERANCE IS ±.25mm (±0.010")

ELECTRO-OPTICAL CHARACTERISTICS  $T_A=25^{\circ}C$   $I_f=10mA$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		585 (YELLOW)		nm	
FORWARD VOLTAGE		2.1	2.5	$V_f$	
REVERSE VOLTAGE	5.0			$V_r$	$I_r=100\mu A$
AXIAL INTENSITY		2500		ucd	$I_f=10mA$
EMITTED COLOR	YELLOW				
EPOXY SEGMENT	MILKY WHITE DIFFUSED				
FONT COLOR	GRAY				

LIMITS OF SAFE OPERATION PER CHIP AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.6	mW/°C
OPERATING, STORAGE TEMP	-40 TO +85	°C
LEAD SOLDERING TEMP	+260	°C
2.0mm FROM BODY	3 SEC. MAX	

\*  $t < 10\mu s$

NOTES:

- UNITS: mm (INCHES). TOLERANCE: 0.25 (0.01"), UNLESS OTHERWISE SPECIFIED.
- $I_v$  TESTED CONDITION  $I_f=10mA$  AND THE LISTED  $I_v$  IS THE AVERAGE INTENSITY FOR EVERY SEGMENT LISTED.



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DATE: 1-17-97	DWN:	CHK'D:	APPD:
SCALE: N/A			

.8" SEVEN SEGMENT DISPLAY, YELLOW  
GRAY FONT, WHITE SEGMENT

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