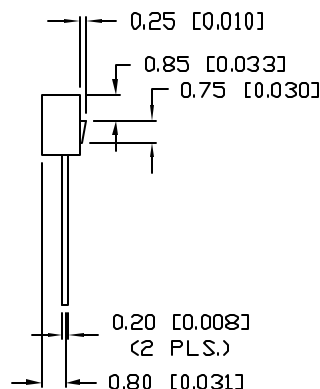
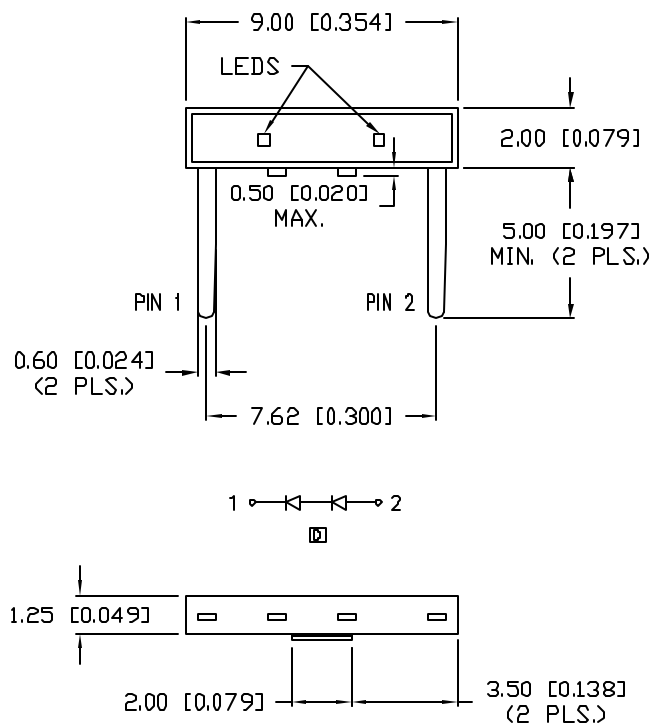


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REV.
D

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	REDRAWN, NEW MOLD./	2-18-93
B	UPDATED SPECS./	7-18-95
C	E.C.N. #10BRDR. & REDRAWN.	9-29-98
D	E.C.N. #10501./ CORRECTED POLARITY.	3-5-99



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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660 (RED)		nm	
FORWARD VOLTAGE		3.6	4.6	V_f	
REVERSE VOLTAGE	2.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY		50		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		160		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	RED TRANSPARENT				

LIMITS OF SAFE OPERATION AT 25°C PER CHIP

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	100	mW
DERATE FROM 25°C	-0.25	mW/ $^\circ\text{C}$
OPERATING TEMP.	-20 TO +70	$^\circ\text{C}$
STORAGE TEMP.	-40 TO +80	$^\circ\text{C}$
SOLDERING TEMP.	+240	$^\circ\text{C}$
2.0mm FROM BODY	3 SEC. MAX	

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

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

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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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INCORPORATED

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2 CHIP LCD ILLUMINATOR, 660nm RED,
RED TRANSPARENT LENS.

DRAWN BY: BC	CHECKED BY:	APPROVED BY:	DATE: 9-2-92 PAGE: 1 OF 1 SCALE: N/A
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