

UNCONTROLLED DOCUMENT

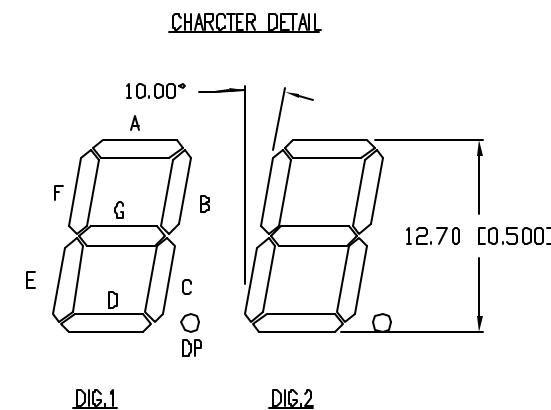
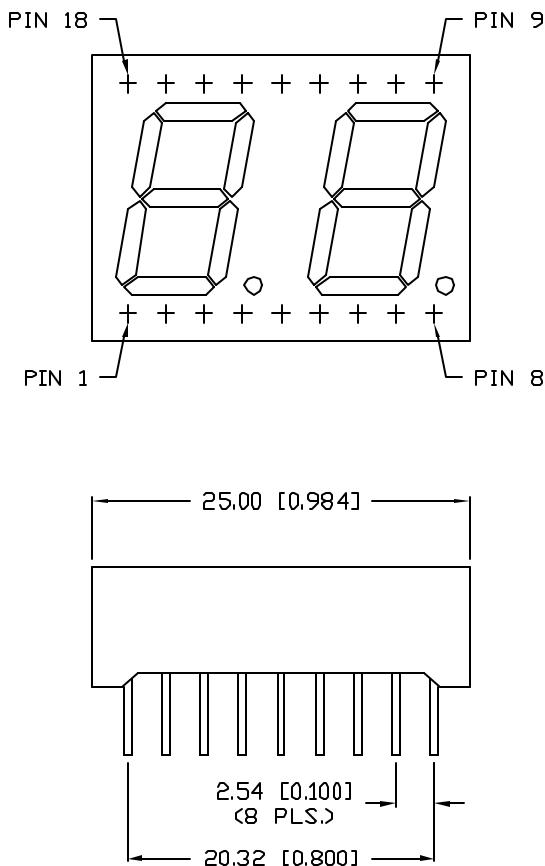


PART NUMBER

LDD-C5006RI

REV.

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
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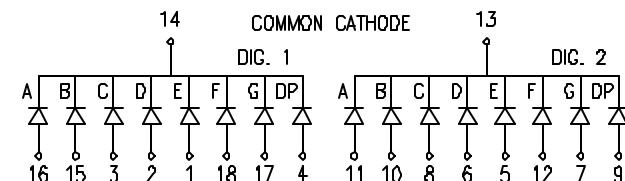


ELECTRO-OPTICAL CHARACTERISTICS TA=25°C If=10mA				
PARAMETER	MIN	TYP	MAX	UNITS
PEAK WAVELENGTH		660 (RED)		nm
FORWARD VOLTAGE		1.7	2.3	V <sub>f</sub>
REVERSE VOLTAGE	4.0			V <sub>r</sub>
AXIAL INTENSITY		13,000		μcd
EMITTED COLOR:	RED			I <sub>f</sub> =100μA
FACE COLOR:	GRAY			I <sub>f</sub> =10mA
SEGMENT COLOR:	MILKY WHITE DIFFUSED			

LIMITS OF SAFE OPERATION AT 25°C PER CHIP

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	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



REPLACES PART #: LDD-C506RI

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\*UNLESS OTHERWISE SPECIFIED TOLERANCE IS ±0.25mm (±0.010")

REV.	PART NUMBER	CONFIDENTIAL INFORMATION	LUMEX INCORPORATED	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE: 2-12-99
	LDD-C5006RI	THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.	<b>LUMEX</b> INCORPORATED	BC			PAGE: 1 OF 1 SCALE: N/A
	0.50" SEVEN SEGMENT, DUAL DIGIT DISPLAY, 660nm RED CHIPS, GRAY FACE WITH WHITE SEGMENTS, COMMON CATHODE, RIGHT DECIMAL PLACES.	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.					

# Mouser Electronics

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