

DATE

REVISIONS

REV

DRAWING NUMBER
LDS-CA406RI

REV

REPLACES PART# LDS-CE06RI

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660 (RED)		nm	
FORWARD VOLTAGE (SEG/DP)		7.2/3.6	8.8/4.4	V_f	
REVERSE VOLTAGE	4.0			V_r	$I_r = 100\mu\text{A}$
AXIAL INTENSITY		22,500		μcd	$I_f = 10\text{mA}$
EMITTED COLOR:	RED				
FONT COLOR:	GREY				
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	100	mW
DERATE FROM 25°C	-1.2	mW/ $^\circ\text{C}$
OPERATING, STORAGE TEMP.	-20 TO +80	$^\circ\text{C}$
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.

LUMEX
INCORPORATED

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DATE: 2-24-98	DWN:	CHK'D:	APPD:
SCALE: N/A			

 4.0" JUMBO SEVEN SEGMENT DISPLAY, 660nm RED,
GREY FONT/WHITE SEGMENTS, COMMON CATHODE.

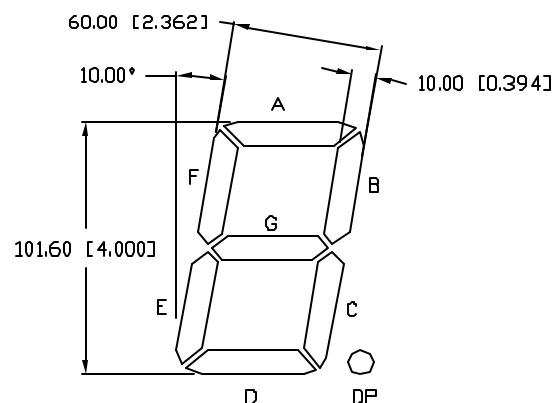
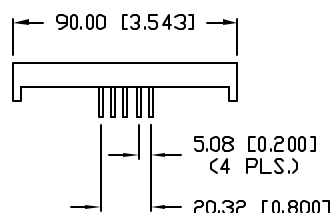
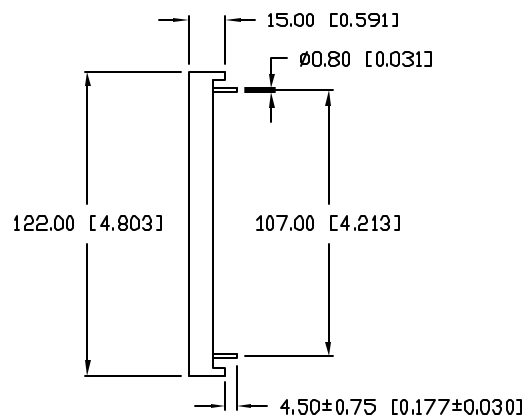
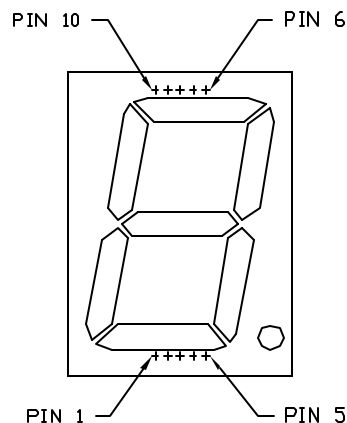
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UNLESS OTHERWISE SPECIFIED TOLERANCE IS $\pm 0.25\text{mm}$ ($\pm 0.010"$)

dx/bu

COMMON CATHODE
PIN NO 1,8