

UNCONTROLLED DOCUMENT

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PART NUMBER

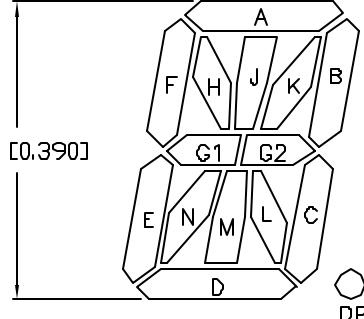
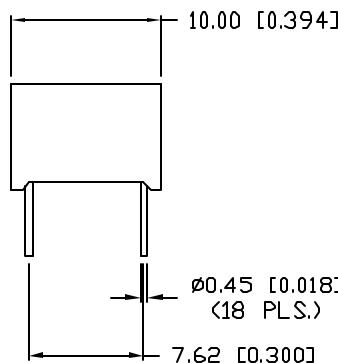
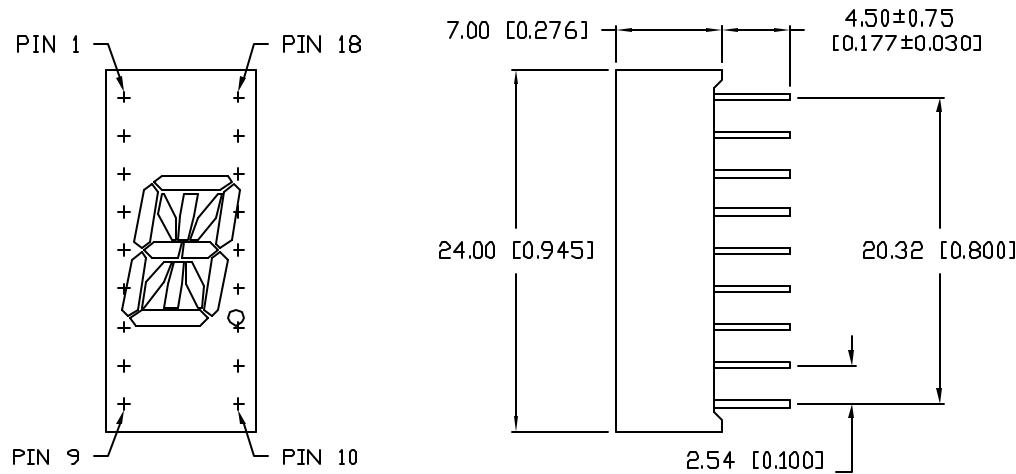
LDS-E3904RI

REV.

REV.

E.C.N. NUMBER AND REVISION COMMENTS

DATE

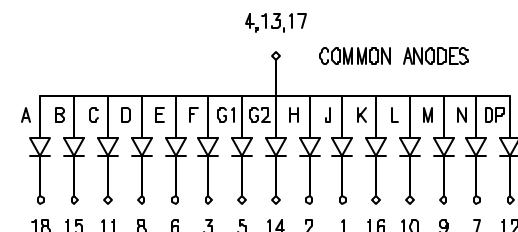


ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=10\text{mA}$				
PARAMETER	MIN	TYP	MAX	UNITS
PEAK WAVELENGTH		635 (RED)		nm
FORWARD VOLTAGE		2.0	2.5	V <sub>f</sub>
REVERSE VOLTAGE	5.0			V <sub>r</sub>
AXIAL INTENSITY		5000		$\mu\text{cd}$
EMITTED COLOR:	RED			$I_f=100\mu\text{A}$
FACE COLOR:	GRAY			
SEGMENT COLOR:	MILKY WHITE DIFFUSED			$I_f=10\text{mA}$

LIMITS OF SAFE OPERATION AT  $25^\circ\text{C}$  PER CHIP

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	105	mW
DERATE FROM $25^\circ\text{C}$	-1.2	mW/ $^\circ\text{C}$
OPERATING, STORAGE TEMP.	-40 TO +85	$^\circ\text{C}$
SOLDERING TEMP.	+260	$^\circ\text{C}$
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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0.39", SINGLE DIGIT, 14 SEGMENT ALPHANUMERIC DISPLAY,  
635nm RED, GRAY FACE, WHITE SEGMENTS, COMMON ANODE.

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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.

**LUMEX**  
INCORPORATED

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PAGE: 1 OF 1  
SCALE: N/A

# Mouser Electronics

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