

DATE

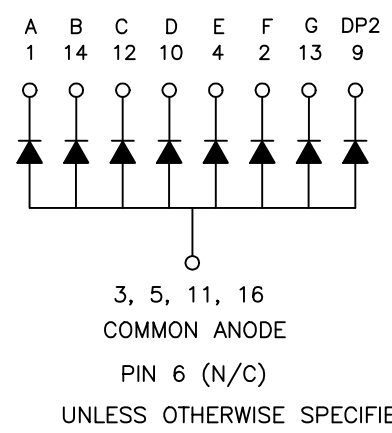
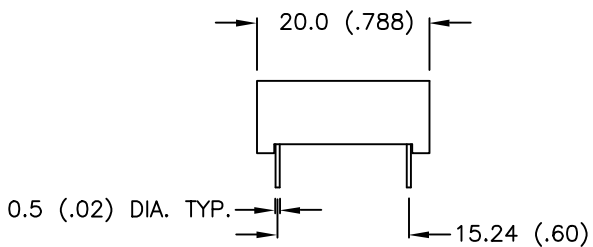
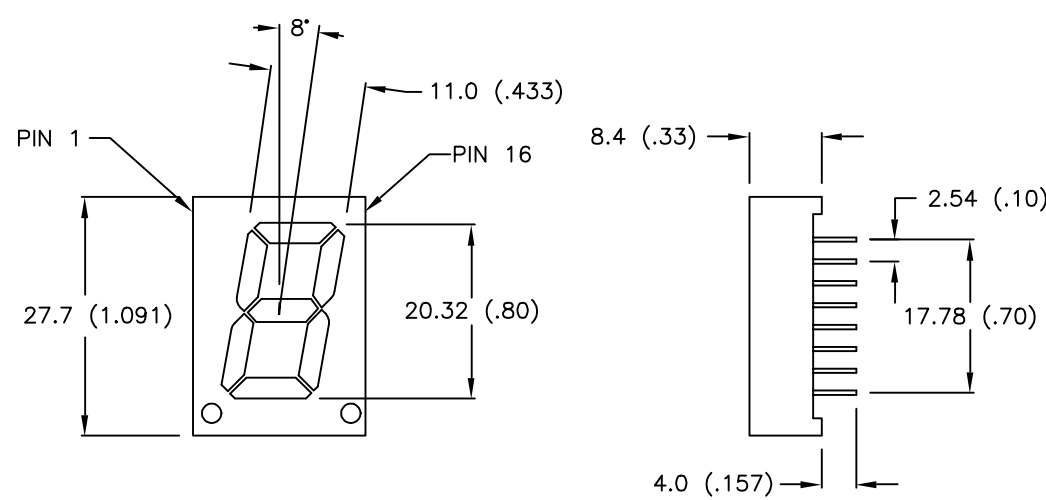
REVISIONS

REV

DRAWING NUMBER

LDS-A813RI

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ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=10\text{mA}$					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		585 (YELLOW)		nm	
FORWARD VOLTAGE		2.1	2.5	$V_f$	
REVERSE VOLTAGE	5.0			$V_r$	$I_r=100\mu\text{A}$
AXIAL INTENSITY		2500		ucd	$I_f=10\text{mA}$
EMITTED COLOR	YELLOW				
EPOXY SEGMENT	MILKY WHITE DIFFUSED				
FONT COLOR	GRAY				

LIMITS OF SAFE OPERATION PER CHIP AT $25^\circ\text{C}$		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	105	mW
DERATE FROM $25^\circ\text{C}$	-1.6	$\text{mW}/^\circ\text{C}$
OPERATING, STORAGE TEMP	-40 TO +85	$^\circ\text{C}$
LEAD SOLDERING TEMP	+260	$^\circ\text{C}$
2.0mm FROM BODY		3 SEC. MAX

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

- NOTES:
1. UNITS: mm (INCHES). TOLERANCE: 0.25 (0.01"), UNLESS OTHERWISE SPECIFIED.
  2.  $I_v$  TESTED CONDITION  $I_f=10\text{mA}$  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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# Mouser Electronics

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