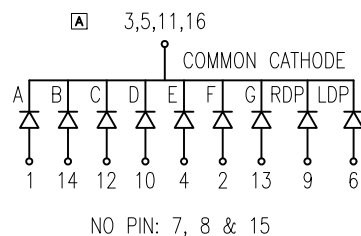
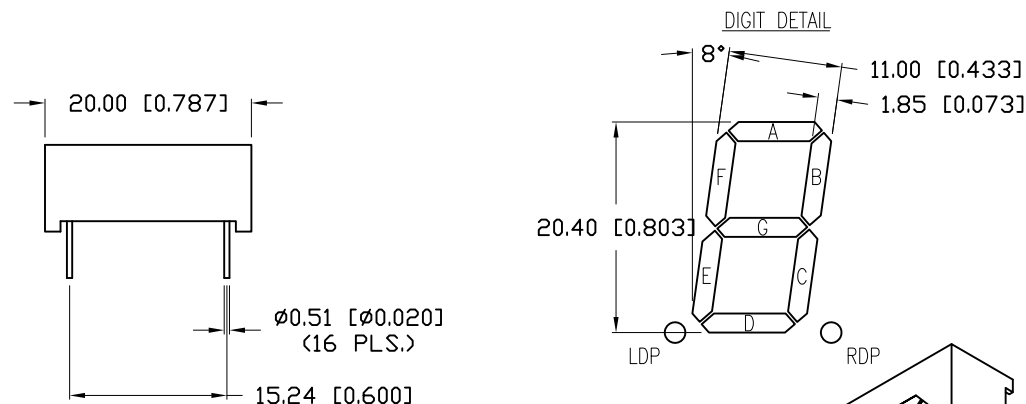
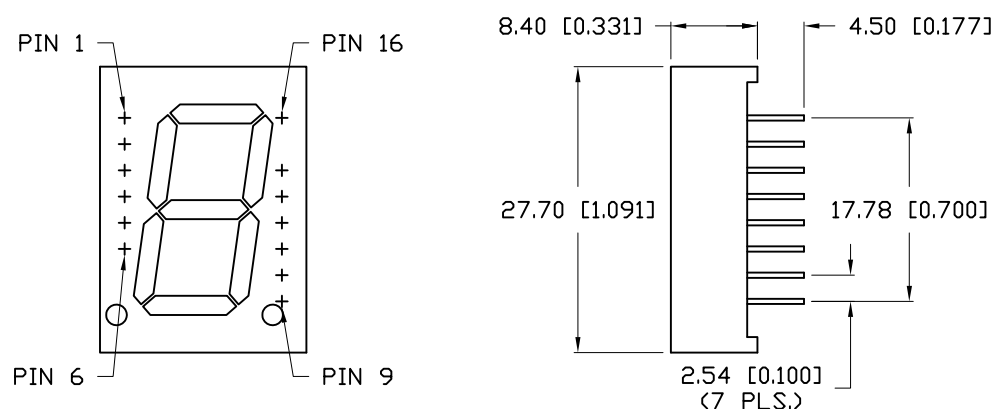


PART NUMBER	LDS-C812RI	REV.	B
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
10.24.07	E.C.N. #11451.		A
01.02.13	E.C.N. #10BRDR. & REDRAWN.		B

A

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		2.0	2.6	$V_f$	
REVERSE VOLTAGE	4.0			$V_r$	$I_r=100\mu\text{A}$
AXIAL INTENSITY		2500		$\mu\text{cd}$	$I_f=10\text{mA}$
EMITTED COLOR:	GREEN				
FACE COLOR:	GRAY				
SEGMENT COLOR:	MILKY WHITE DIFFUSED				

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

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	120	mW
DERATE FROM $25^\circ\text{C}$	-0.8	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	

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

CAUTION: STATIC SENSITIVE DEVICE  
FOLLOW PROPER E.S.D. HANDLING PROCEDURES  
WHEN WORKING WITH THIS PART.

\*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X= $\pm 1$  ( $\pm 0.039$ ), X.X= $\pm 0.5$  ( $\pm 0.020$ ), X.XX= $\pm 0.25$  ( $\pm 0.010$ ), X.XXX= $\pm 0.127$  ( $\pm 0.005$ ). LEAD SIZE= $\pm 0.05$  ( $\pm 0.002$ ), LEAD LENGTH= $\pm 0.75$  ( $\pm 0.030$ ). MIN.=  $^{+0.00}_{-0.00}$  DECIMAL PRECISION MAX.=  $^{+0.00}_{-0.00}$  DECIMAL PRECISION

UNCONTROLLED DOCUMENT



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0.80" SEVEN SEGMENT, LED DISPLAY, 565nm GREEN CHIPS, GRAY FACE WITH WHITE SEG, COMMON CATHODE.

\*\*THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.\*\*

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DATE:	01.02.13	DRAWN BY:	MA
PAGE:	1 OF 1	CHKD BY:	DT
SCALE:	NTS	APRVD BY:	DT
UNIT:	mm [INCH]		(Pc)

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