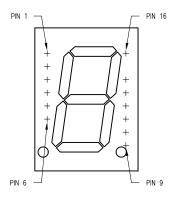
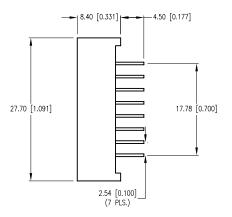
PART NUMBER	LDS-C812RI-UPG	REV.	В
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
10.24.07	E.C.N. #11451.		Α
05.12.11	E.C.N. #10BRDR.		В



-20.00 [0.787]-

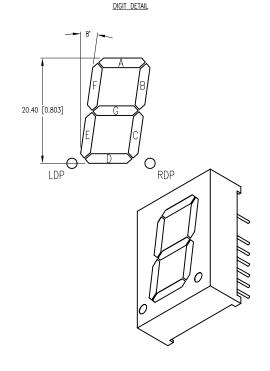
15.24 [0.600]——





Ø0.51 [Ø0.020]

(16 PLS.)

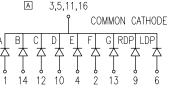


ELECTRO-OPTICAL	CHARACTERISTICS TA	=25°C	If= 10mA		
PARAMETER	MIN	TYP.	MAX	UNITS	TEST COND
PEAK WAVELENGTH		525		nm	
FORWARD VOLTAGE		3.5	4.0	Vf	
REVERSE VOLTAGE	5.0			Vr	Ir=100μA
AXIAL INTENSITY		7000		μcd	If=10mA
EMITTED COLOR:	GREEN				
FACE COLOR:	GRAY				
EPOXY LENS FINIS	H: MILKY WHIT	E DIFFUSED			

LIMITS OF SAFE OPERATION AT 25°C	PER SEGMENT	
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	120	mW
DERATE FROM 25°C	-1.6	mW/*C
OPERATING TEMP.	-40 TO +85	*C
STORAGE TEMP.	-40 TO +85	*C
SOLDERING TEMP.	+260	*C
2.0mm FROM BODY	3	SEC. MAX.

* t<10µS

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



NO PIN: 7, 8 & 15

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.5 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= $^{+}$ DECIMAL PRECISION MAX.= $^{+}$							
	290 E. HELEN ROAD PALATINE, IL 60067-6976 PHONE: +1.847.359.2790	525nm GREEN CHIPS, GRAY FACE W/WHITE SGMTS, 0.80" 7 SGMT, LED DISPLAY, COMMON CATHODE, 16 PINS.	DATE: 05.12.1	1 DRAWN BY:	AB		
		THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.	PAGE: 1 OF	1 CHKD BY:	SS		
	FAX: +1.847.359.6538	CONFIDENTIAL INFORMATION 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	SCALE: NTS	APRVD BY:	SS		
Creating LED and LCD Solutions Together™	eating LED and LCD Solutions Together WEB: WWW.LUMEX.COM		UNIT: mm [INC	;H] (Pb)			