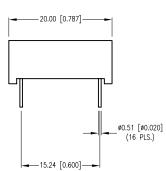
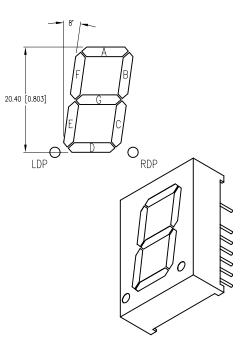


DIGIT DETAIL





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

PARAMETER	MIN	TYP.	MAX	UNITS	TEST CO
PEAK WAVELENGTH		525		nm	
FORWARD VOLTAGE		3.5	4.0	Vf	
REVERSE VOLTAGE	5.0			Vr	lr=100μ
AXIAL INTENSITY		7000		μcd	lf=10m
EMITTED COLOR:	GREEN				
FACE COLOR:	GRAY				
EPOXY LENS FINISH:	MILKY WH	ITE DIFFUSED			
LIMITS OF SAFE OPERATIO PARAMETER		MAX		UN	
PARAMETER PEAK FORWARD CURRENT*				UN	
PARAMETER		MAX			A
PARAMETER PEAK FORWARD CURRENT*		MAX 150		m	A A
PARAMETER PEAK FORWARD CURRENT [‡] STEADY CURRENT		MAX 150 25		m	A A W
PARAMETER PEAK FORWARD CURRENT ⁴ STEADY CURRENT POWER DISSIPATION		MAX 150 25 120	35	m m m	A A W ∕⁺C
PARAMETER PEAK FORWARD CURRENT STEADY CURRENT POWER DISSIPATION DERATE FROM 25°C		MAX 150 25 120 -1.6	-	m m mW	A A W /*C C
PARAMETER PEAK FORWARD CURRENT STEADY CURRENT POWER DISSIPATION DERATE FROM 25°C OPERATING TEMP.		MAX 150 25 120 -1.6 -40 TO +8	-	m m mW v(A A W /*C C C
PARAMETER PEAK FORWARD CURRENT STEADY CURRENT POWER DISSIPATION DERATE FROM 25°C OPERATING TEMP. STORAGE TEMP.		MAX 150 25 120 -1.6 -40 TO +8 -40 TO +8	-	m m mW ((A A W /*C C C C

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

A]	3,5,1	1,1	6			
		•	Ì	CO	NMON	I CAT	HODE
B 2 14	C Z 12	D 10	E A 4	F Z 2	G R 13	DP L Z	DP Z 6
	NO	PIN:	7,	8 &	15		

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

		290 E. HELEN ROAD	525nm GREEN CHIPS, GRAY FACE W/WHITE SGMTS, 0.80" 7 SGMT, LED DISPLAY, COMMON CATHODE, 16 PINS.	DATE:	05.12.11	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	SCALE:	NTS	APRVD BY:	SS
Creating LED and LCD Solutions Together™	WEB: WWW.LUMEX.COM	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 KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.	UNIT:	mm [INCH]	R		

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