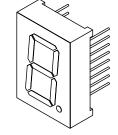


PART NUMBER	LDS-C814RI	REV.	В
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
04.22.98	E.C.N. #10BRDR. & REDRAWN.		А
11.26.12	E.C.N. #10BRDR. & REDRAWN.		В

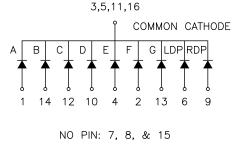
Α

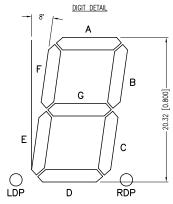
## ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=10mA TEST COND PARAMETER MIN TYP MAX UNITS PEAK WAVELENGTH (I) 635 nm FORWARD VOLTAGE 2.0 2.5 Vf REVERSE VOLTAGE 5.0 Vr lr=100µA AXIAL INTENSITY 5600 μcd lf=10mA EMITTED COLOR: RED Font COLOR: GREY SEGMENT COLOR: MILKY WHITE DIFFUSED

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.2	m₩/*C
OPERATING TEMP.	-40 TO +85	*C
STORAGE TEMP.	-40 TO +85	•C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY	3	SEC.



RELIABILITY NOTE OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT SOLDIER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.





*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN = $\frac{+DeCIMAL}{-DeCIMAL}$ PRECISION MAX.= $\frac{+0.00}{-DeCIMAL}$ PREC							
		425 N. GARY AVE.	0.8" SINGLE DIGIT, SEVEN SEGMENT DISPLAY, 635nm RED, GREY FONT/WHITE SEGMENTS, COMMON CATHODE.	DATE:	11.26.12	DRAWN BY:	MA
	PHONE: +1.800.27 FAX: +1.630.315.27 FAX: +1.630.315.20 FAX: +1.630.315.20	CAROL STREAM, IL 60188-4900 PHONE: +1.800.278.5666	**THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.**	PAGE:	1 OF 1	CHKD BY:	KF
		FAX: +1.630.315.2152 WEB: WWW.LUMEX.COM	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:	KF
		MEMBER OF ITW PHOTONICS GROUP	THE INFORMATION COMMAND IN THIS DOCUMENT IS THE PROPERT OF LUMEA INC. EACEY AS SPECIFICALLY AUTOMAZED IN WRITING BY LUMEA 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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