

Excellent Integrated System Limited

Stocking Distributor

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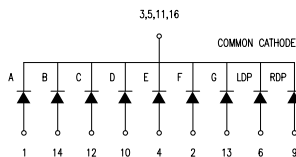
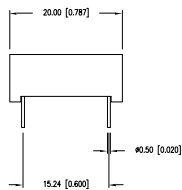
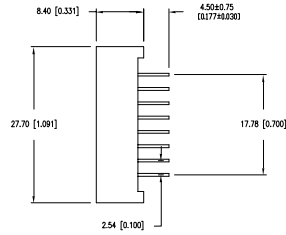
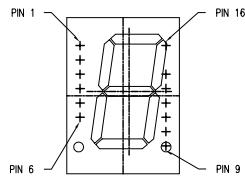
[Lumex, Inc.](#)
[LDS-C816RI](#)

For any questions, you can email us directly:

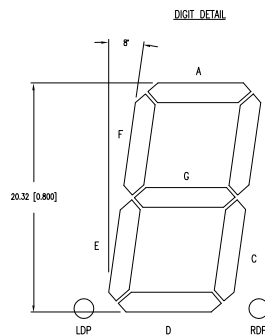
sales@integrated-circuit.com

UNCONTROLLED DOCUMENT

PART NUMBER	LDS-C816RI	REV.	A
DATE	E.C.N. NUMBER AND REVISION COMMENTS		
04.22.98	E.C.N. #10BRDR. & REDRAWN.		
		REV.	A



NO PIN: 7, 8, & 15



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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660		nm	
FORWARD VOLTAGE		1.8	2.3	V_f	
REVERSE VOLTAGE	4.0			V_r	$I_f=100\mu\text{A}$
AXIAL INTENSITY		13,300		μcd	$I_f=10\text{mA}$
EMITTED COLOR:	RED				
FACE COLOR:	GRAY				
SEGMENT COLOR:	MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	100	mW
DERATE FROM 25°C	-1.2	mW/ $^\circ\text{C}$
OPERATING, STORAGE TEMP.	-20 TO +85	$^\circ\text{C}$
SOLDERING TEMP.	+260	$^\circ\text{C}$
2.0mm FROM BODY	3	SEC. MAX

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

*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= ±DECIMAL PRECISION MAX= +0.00
0.00 DECIMAL PRECISION



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0.8" SINGLE DIGIT, SEVEN SEGMENT DISPLAY, 660nm RED, GREY FONT/WHITE SEGMENTS, COMMON CATHODE.

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

CONFIDENTIAL INFORMATION

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DATE:	01.17.97	DRAWN BY:	JH
PAGE:	1 OF 1	CHKD BY:	KY
SCALE:	N/A	APRVD BY:	SS
UNIT:	mm [INCH]		

