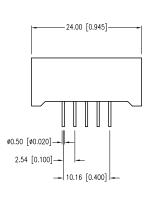
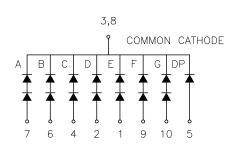
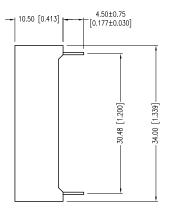
PART NUMBER	LDS-CA12RI	REV.	В	
DATE	E.C.N. NUMBER AND REVISION COMMENTS			
04.22.98	E.C.N. #10BRDR. & REDRAWN.		Α	
01.03.13	E.C.N. #10BRDR. & REDRAWN.		В	

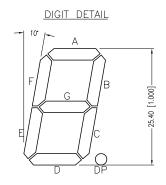


PIN 6	
+ + + +	
+ + + + + + + + + + + + + + + + + + +	









ELECTRO-OPTICAL	CHARACTERISTICS	Ta=25*C	lf=10mA			
PARAMETER	MIN		TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	(G)	:	565		nm	
FORWARD VOLTAGE		4.4	4/22	5.2/2.6	Vf	
REVERSE VOLTAGE	5.0				Vr	Ir=100µA
AXIAL INTENSITY		6	300		μcd	If=10mA
EMITTED COLOR:	GREEN					
FONT COLOR:	GREY					
SEGMENT COLOR:	MILKY WHITE	DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C	PER CHIP	
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.2	mW/*C
OPERATING TEMP.	-20 TO +80	•C
STORAGE TEMP.	-20 TO +80	*C
SOLDERING TEMP.	+260	•C
2.0mm FROM BODY	3	SEC.
* t<10uS		

RELIABILITY NOTE

OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT SOLDER 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= +DECIMAL PRECISION MAX.= +0.00 (±0.001), X.XXX=±0.127 (±0.005). UNCONTROLLED DOCUMENT



425 N. GARY AVE. CAROL STREAM, IL 60188-4900 PHONE: +1.800.278.5666 FAX: +1.630.315.2152 WEB: WWW.LUMEX.COM MEMBER OF ITW PHOTONICS GROUP 1.0" SINGLE DIGIT, SEVEN SEGMENT DISPLAY, 565nm GREEN, GREY FONT/WHITE SEGMENTS, COMMON CATHODE.

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

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 KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.

DATE:	01.03.13	DRAWN BY:	MA
PAGE:	1 OF 1	CHKD BY:	KF
SCALE:	NTS	APRVD BY:	KF
UNIT:	mm [INCH]	(Pg)	

## **Mouser Electronics**

**Authorized Distributor** 

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Lumex:
LDS-CA12RI