

	PART NUMBER	LDS-C303RI	REV.	E
Ī	DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
Ī	10.27.97	E.C.N. #10387.		Α
	01.18.03	E.C.N. #10BRDR. & REDRAWN IN 3D.		В
	07.26.04	E.C.N. #11153.		O
	12.07.04	E.C.N. #11193.		D
	03.07.13	E.C.N. #10BRDR. & REDRAWN.		E

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(4)

ELECTRO-OPTICAL C	HARACTERIST	ICS TA=25	2 . C	$I_f=10mA$	
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		585		nm	_
FORWARD VOLTAGE		2.1	2.5	V_{f}	
REVERSE VOLTAGE	5.0			V_r	I _r =100μΑ
AXIAL INTENSITY		2000		µcd	$I_f = 10mA$
EMITTED COLOR:	YELLOW				
FACE COLOR:	GRAY				
SEGMENT COLOR:	MILKY WH				

LIMITS OF SAFE OPERATION AT 25°C PER CHIP

PARAMETER	MAX	UNITS	
PEAK FORWARD CURRENT*	150	mA	
STEADY CURRENT	30	mA	
POWER DISSIPATION	105	mW	
DERATE FROM 25°C	- 1.6	m W/ *C	
OPERATING, STORAGE TEMP.	-30 TO +85	•C	
SOLDERING TEMP.	+ 260	. C	
2.0mm FROM BODY		3 SEC. MAX	

* t<10µS

*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). DRAWN BY: MA



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 0.30" SEVEN SEG, LED DISPLAY, COMMON CATHODE, 585nm YELLOW CHIPS, GRAY FACE WITH WHITE SEGMENTS.

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.	PAGE:	1 OF 1	CHKD BY:
CONFIDENTIAL INFORMATION	SCALE:	NTS	APRVD BY:
HE 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.		mm [INCH]	(Pv)

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