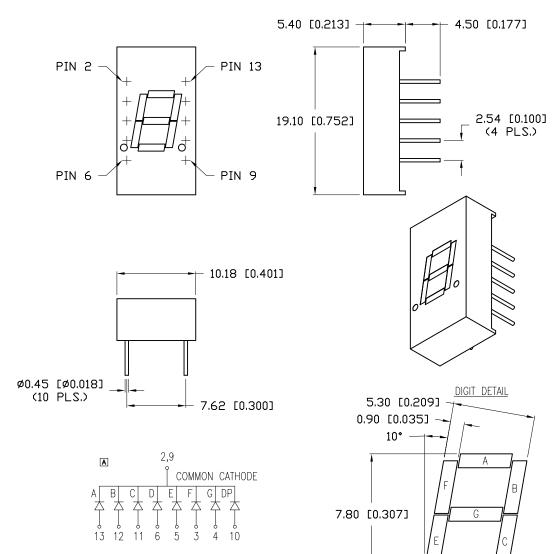
PART NUMBER	LDS-C303RI-SY	REV.	В
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
07.21.04	E.C.N. #11153.		Α
03.18.13	E.C.N. #10BRDR. & REDRAWN.		В
			Α



ELECTRO-OPTICAL CHARACTERISTICS TA=25°C If=10mA						
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND	
PEAK WAVELENGTH		590		nm	_	
FORWARD VOLTAGE		2.0	2.5	$V_{f}$		
REVERSE VOLTAGE	5.0			$V_r$	I <sub>r</sub> =100μA	
AXIAL INTENSITY		15000		μcd	$I_f = 10mA$	
EMITTED COLOR:	YELLOW					
FACE COLOR:	GRAY					
SEGMENT COLOR: MILKY WHITE DIFFUSED						

## 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	<b>- 1.6</b>	mW/°C
OPERATING, STORAGE TEMP.	-30 TO +85	<b>.</b> C
SOLDERING TEMP.	+ 260	<b>.</b> 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=±0.5 (±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 / -DECIMAL PRECISION MAX. = +0.00 / -DECIMAL



425 N. GARY AVE.
CAROL STREAM, IL 60188-4900
PHONE: +1.800.278.5666
FAX: +1.630.315.2152
WEB: WWW.LUMEX.COM
MEMBER 07 /TW PHOTONICS GROUP

NO PIN: 1,7,8,14

0.30" SEVEN SEGMENT, LED DISPLAY, COMMON CATHODE, 590nm YELLOW CHIPS, GRAY FACE WITH WHITE SEGMENTS

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

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S	DATE:	03.18.13	DRAWN BY:	MA
	PAGE:	1 OF 1	CHKD BY:	SS
	SCALE:	NTS	APRVD BY:	SS
	UNIT:	mm [INCH]	(Po)	