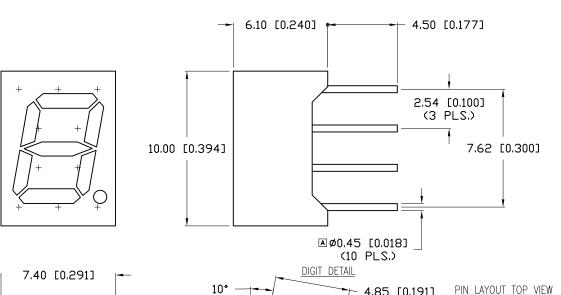
UNCONTROLLED DOCUMENT

PART NUMBER	LDS-C2803RI	REV.	В
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
12.11.09	E.C.N. #11601.		Α
03.07.13	E.C.N. #10BRDR. & REDRAWN.		В



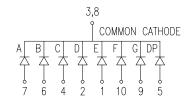
ELECTRO-OPTICAL CH	IARACTERIS	TICS TA=25°C		I _f =10mA	
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		585		nm	
FORWARD VOLTAGE		2.1	2.5	٧f	
REVERSE VOLTAGE	5.0			V_r	I _r =100µA
AXIAL INTENSITY		2000		μcd	$I_f = 10mA$
EMITTED COLOR:	YELLOW				
FACE COLOR:	GRAY				
SEGMENT COLOR:	MILKY WHITE DIFFUSED				

4.85 [0.191] 0.85 [0.033] 7.10 [0.280] \bigcirc DP

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	-1.2	mW/°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= $^{+DECIMAL}_{-0.00}$ PRECISION MAX.= $^{+0.00}_{-0.00}$ MAX.= $^{+0.00}_{-0.00}$ PRECISION ARE: X=±1 (±0.039), X.XX=±0.5 (±0.020), X.XX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD SIZE=±0.05 (±0.000). MIN= $^{+DECIMAL}_{-0.00}$ PRECISION MAX.= $^{+0.00}_{-0.00}$ PRECISION MAX.= $^{+0.00}_{-0.00}$

UNCONTROLLED DOCUMENT DATE: 03.07.13 DRAWN BY:

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

▲ Ø0.45 [0.018] (10 PLS.)

1.27 [0.050] (4 PLS.) 5.08 [0.200]

0.28" SINGLE DIGIT, SEVEN SEGMENT LED DISPLAY,585nm YELLOW,GRAY FACE WITH WHITE SEG,COMMON CATHODE.

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

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SCALE:

PAGE: 1 OF 1 CHKD BY: KF NTS APRVD BY: KF UNIT: mm [INCH] (Pb)

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