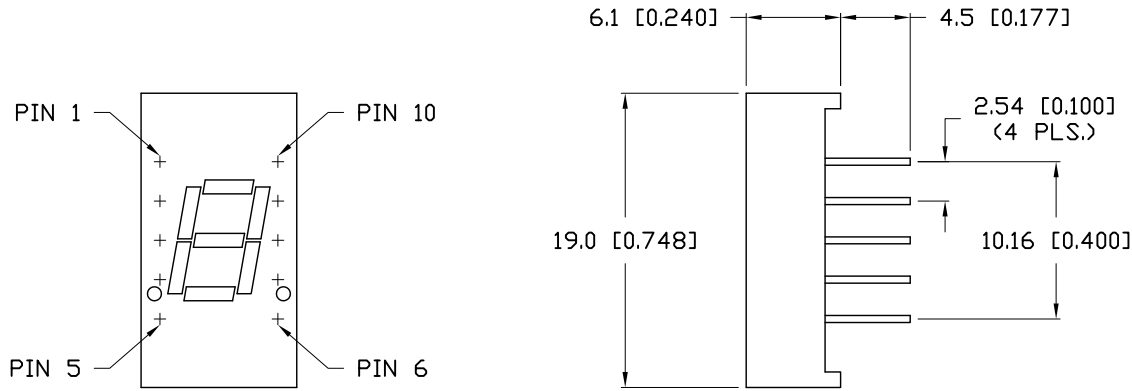


PART NUMBER	LDS-C347R1	REV.	A
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
04.08.13	E.C.N. #10BRDR. & REDRAWN.		A

[A]



ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=10mA

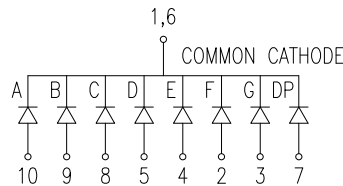
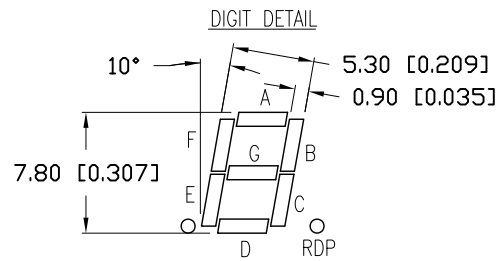
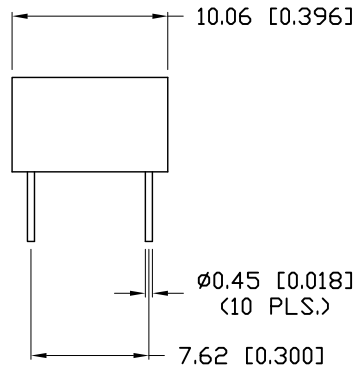
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		470		nm	If=20mA
FORWARD VOLTAGE		3.5	4.0	Vf	If=20mA
REVERSE VOLTAGE	5.0			Vr	Ir=100μA
AXIAL INTENSITY		4500		μcd	If=10mA
EMITTED COLOR:	BLUE				
FACE COLOR:	GRAY				
SEGMENT COLOR:	MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C PER DIE

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	100	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	98	mW
DERATE FROM 25°C	-1.0	mW/°C
OPERATING TEMP.	-25 TO +80	°C
STORAGE TEMP.	-25 TO +80	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY	3	SEC.

* 1/10 DUTY CYCLE. 0.1ms PULSE WIDTH.

CAUTION: STATIC SENSITIVE DEVICE
FOLLOW PROPER E.S.D. HANDLING PROCEDURES
WHEN WORKING WITH THIS PART.



*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} -0.00 MAX= ^{+DECIMAL PRECISION} -0.00



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

0.3" SINGLE DIGIT, SEVEN SEGMENT DISPLAY, 470nm SUPER BLUE, GRAY FACE, MILKY WHITE SEG, COMMON CATHODE.

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

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DATE:	04.08.13	DRAWN BY:	MA
PAGE:	1 OF 1	CHKD BY:	DT
SCALE:	NTS	APRVD BY:	DT
UNIT:	mm [INCH]		(Pb)