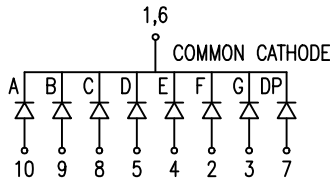
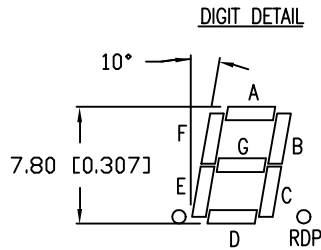
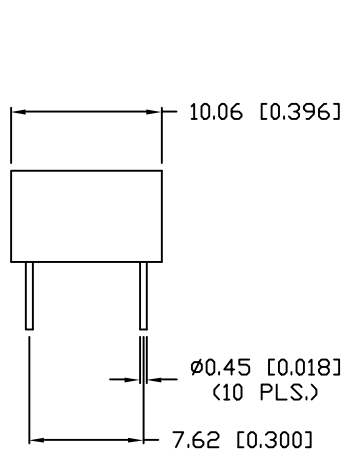


ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ $I_f=10\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		470 (BLUE)		nm	$I_f=20\text{mA}$
FORWARD VOLTAGE		3.5	4.0	V_f	$I_f=20\text{mA}$
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY		4500		μcd	$I_f=10\text{mA}$
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, STORAGE TEMP.	-25 TO +80	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY	3 SEC. MAX	

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

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

*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 LENGTH=±0.75 (±0.030). MIN= +DECIMAL PRECISION MAX= +0.00 -DECIMAL PRECISION

REV.	PART NUMBER LDS-C347R1
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CONFIDENTIAL INFORMATION
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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.

LUMEX INCORPORATED

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DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE: 3-6-00
TM/DU			PAGE: 1 OF 1
			SCALE: N/A

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