

Excellent Integrated System Limited

Stocking Distributor

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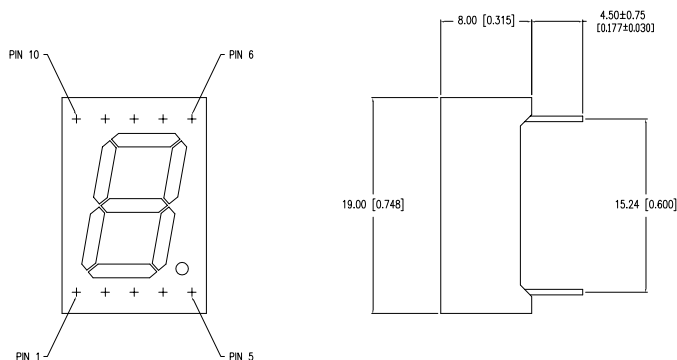
[Lumex, Inc.](#)
[LDS-C504RI](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

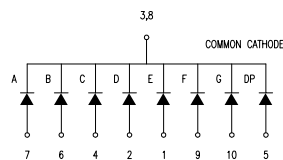
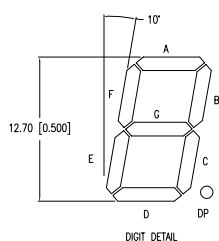
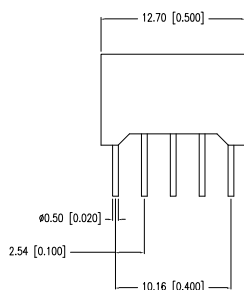
UNCONTROLLED DOCUMENT

PART NUMBER	LDS-C504RI	REV.	A
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
04.02.98	E.C.N. #10BRDR. & REDRAWN.		A



ELECTRO-OPTICAL CHARACTERISTICS		$T_A = 25^\circ\text{C}$		$I_f = 10\text{mA}$	
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635		nm	
FORWARD VOLTAGE		2.0	2.5	V _f	
REVERSE VOLTAGE	5.0			V _r	$I_f = 100\mu\text{A}$
AXIAL INTENSITY		3900		μcd	$I_f = 10\text{mA}$
EMITTED COLOR:	RED				
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	- 1.2	mW/°C
OPERATING, STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY	3	SEC. MAX

* $t < 10 \mu\text{s}$ 

*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.=^{+0.00}_{-DECIMAL PRECISION} UNCONTROLLED DOCUMENT



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0.5" SINGLE DIGIT, SEVEN SEGMENT DISPLAY, 635nm RED, GREY FONT/WHITE SEGMENTS, COMMON CATHODE.

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

CONFIDENTIAL INFORMATION

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DATE: 06.11.97	DRAWN BY: JH
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DATE: 06.11.97	DRAWN BY: JH
PAGE: 1 OF 1	CHKD BY: KF
SCALE: N/A	APRVD BY: SS
UNIT: mm [INCH]	