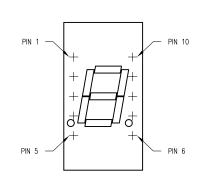
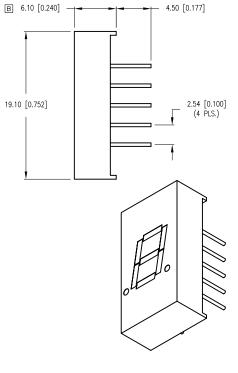
## UNCONTROLLED DOCUMENT



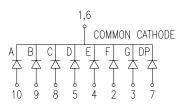
10.18 [0.401]

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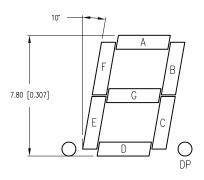
Ø0.45 [Ø0.018] (10 PLS.)



DIGIT	DFTAIL



7.62 [0.300]



	PART NUMBER	LDS-C304RI	REV.	С
I	DATE E.C.N. NUMBER AND REVISION COMMENTS			
I	01.18.03	E.C.N. #10BRDR. & REDRAWN IN 3D.		Α
	12.07.04	E.C.N. #11193.		В
ĺ	10.17.11	E.C.N. #10BRDR. & REDRAWN.		С

ELECTRO-OPTICAL C	HARACTERIS	TICS TA=25	°С	lf=10mA	
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635		nm	
FORWARD VOLTAGE		2.0	2.5	Vf	
REVERSE VOLTAGE	5.0			Vr	l <sub>r</sub> =100µA
AXIAL INTENSITY		3500		μcd	l <sub>f</sub> =10mA
EMITTED COLOR:	RED				
FACE COLOR:	GRAY				
SEGMENT COLOR:	MILKY W	HITE DIFFUS	ED		

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	- 1.6	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), XX=±0.5 (±0.020), XXX=±0.25 (±0.010), XXXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN=  $\frac{+0.00}{-0.00}$  MAX.=  $\frac{+0.00}{-0.00}$  MAX

	290 E. HELEN ROAD	0.30" SEVEN SEGMENT, LED DISPLAY, COMMON CATHODE, 635nm RED CHIPS, GRAY FACE WITH WHITE SEGMENTS.	DATE:	10.17.11	DRAWN BY:	AB
	PALATINE, IL 60067-6976 PHONE: +1.847.359.2790	CONFIDENTIAL INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL	PAGE:	1 OF 1	CHKD BY:	KF
	FAX: +1.847.359.6538		SCALE:	NTS	APRVD BY:	SS
Creating LED and LCD Solutions Together™			UNIT:	mm [INCH]	Ro	

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Lumex: LDS-C304RI