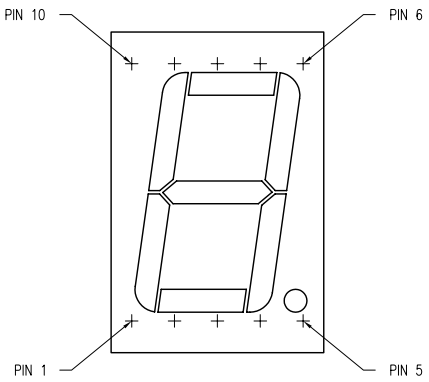
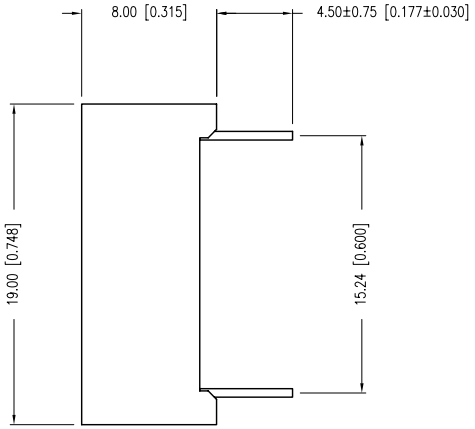
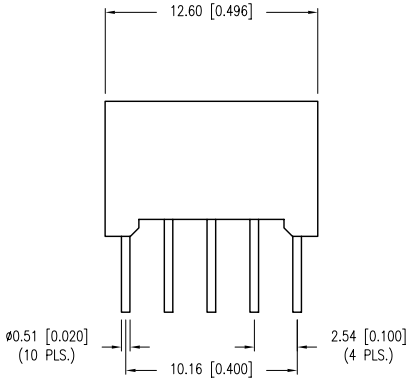
UNCONTROLLED DOCUMENT

PART NUMBER	LDS-C516RI	REV.	D

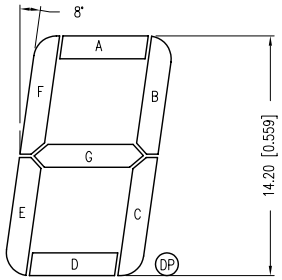
DATE	E.C.N. NUMBER AND REVISION COMMENTS	REV.
07.21.95	CORRECTED SEGMENT REPRESENTATION.	A
10.04.96	E.C.N. #10225.	B
04.20.98	E.C.N. #10BRDR. & REDRAWN.	C
09.06.11	E.C.N. #10BRDR. & REDRAWN.	D







CHARACTER DETAIL



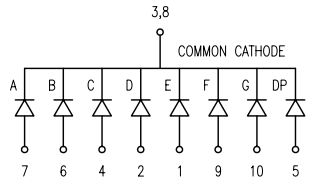
ELECTRO-OPTICAL CHARACTERISTICS T_A=25°C I_f=20mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660		nm	
FORWARD VOLTAGE		1.8	2.3	V_f	
REVERSE VOLTAGE	5.0			V_r	I_r=100uA
AXIAL INTENSITY		13300		mcd	I_f=20mA
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	100	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-20 TO +85	°C
STORAGE TEMP.	-20 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY		3 SEC. MAX

* t<10uS



*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= $^{+\text{DECIMAL PRECISION}}_{-0.00}$ MAX.= $^{+0.00}_{-\text{DECIMAL PRECISION}}$

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LUMEX®
Creating LED and LCD Solutions Together™
290 E. HELEN ROAD
PALATINE, IL 60067-6976
PHONE: +1.847.359.2790
FAX: +1.847.359.6538
WEB: WWW.LUMEX.COM

0.56" SINGLE DIGIT SEVEN SEGMENT DISPLAY, 660nm RED, GREY FONT/WHITE SEGMENTS, COMMON CATHODE.

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

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DATE: 09.06.11	DRAWN BY: AB
PAGE: 1 OF 1	CHKD BY: KF
SCALE: NTS	APRVD BY: JD
UNIT: mm [INCH]	Pb