PART NUMBER	LDS—CA14RI		REV.	B
DATE	E.C.N. NUMBER AND REVISION COMMENTS			REV.
05.12.97	E.C.N. #10342.			A
04.22.98	E.C.N. #10BRDR. & REDRAWN.			B

PIN 10   PIN 6

PIN 1   PIN 5

10.50 [0.413]

4.50±0.75 [0.177±0.030]

34.00 [1.339]

30.48 [1.200]

DIGIT DETAIL

24.00 [0.945]

2.54 [0.100]

⌀0.50 [0.020]

10.16 [0.400]

3,8

COMMON CATHODE

A   B   C   D   E   F   G   DP

7   6   4   2   1   9   10   5

10°

25.40 [1.000]

Digit segment layout: A F B G E C D DP
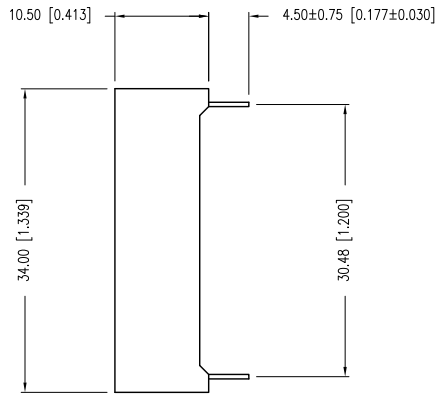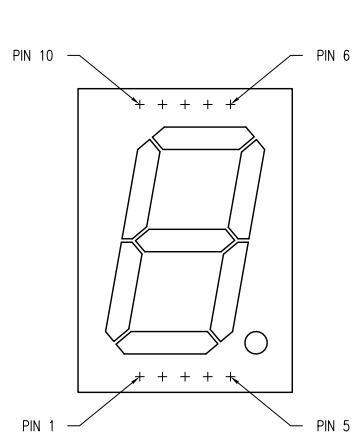
ELECTRO–OPTICAL CHARACTERISTICS T_A=25°C I_f=20mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635 (RED)		nm	
FORWARD VOLTAGE		4.0/2.0	5.0/2.5	V_f	
REVERSE VOLTAGE	5.0			V_r	I_r=100uA
AXIAL INTENSITY		9800		mcd	I_f=20mA
EMITTED COLOR:	RED				
FACE COLOR:	GRAY				
EPOXY LENS FINISH:	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 TEMP.	−20 TO +85	°C
STORAGE TEMP.	−20 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY		3 SEC. MAX

* t<10uS
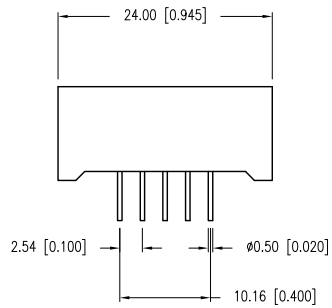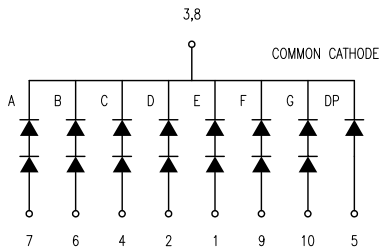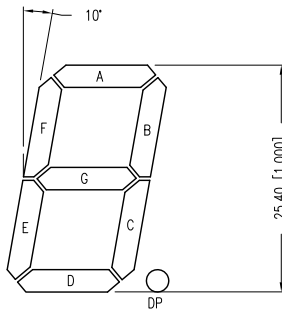
*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= +DECIMAL PRECISION/−0.00   MAX.= +0.00/−DECIMAL PRECISION

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

DATE: 05.01.96	DRAWN BY:	MA
PAGE: 1 OF 1	CHKD BY:	KF
SCALE: NTS	APRVD BY:	KF
UNIT: mm [INCH]		

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  LDS-CA14RI