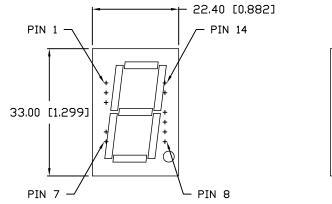
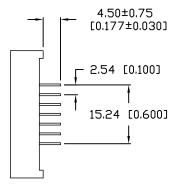
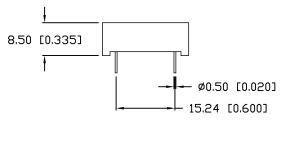
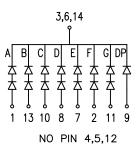
LDS-CA104RI



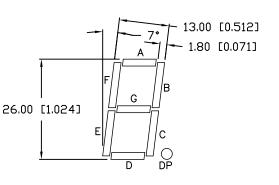






REV.

DIGIT DETAIL



ELECTRO-OPTICAL CHARACTERISTICS TA=25°C If=10mA					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635		nm	
FORWARD VOLTAGE *		4.0/2.0	5.0/2.5	V_{f}	
REVERSE VOLTAGE	4.0			V_r	Ir=100µA
AXIAL INTENSITY		6000		μcd	$I_f = 10mA$
EMITTED COLOR:	RED				
FACE COLOR:	GRAY				
SEGMENT COLOR: MILKY WHITE DIFFUSED					

^{*} SECOND VALUE FOR SINGLE CHIP IN DECIMAL POINT.

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, STORAGE TEMP.	- 40 TO +85	•C
SOLDERING TEMP.	+ 260	•C
2.0mm FROM BODY		3 SEC. MAX

^{*} t<10µS

UNCONTROLLED DOCUMENT

*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 MAX.= +0.00 |
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-DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.127 (±0.005), X

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CHECKED BY: JD APPROVED BY: DATE: 4.10.03

JD PAGE: 1 OF 1
SCALE: N/A

PART NUMBER
LDS—CA104RI

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