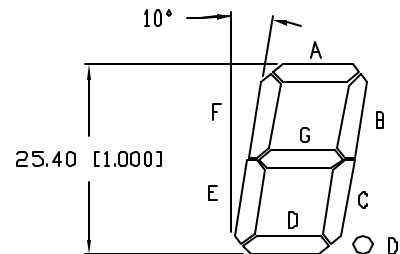
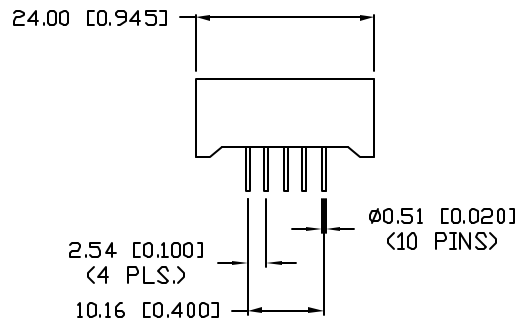


ELECTRO-OPTICAL CHARACTERISTICS  $T_A=25^{\circ}\text{C}$   $I_f=10\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565 (GREEN)		nm	
		635 (RED)		nm	
FORWARD VOLTAGE* (G/R)		4.4/4.0	5.2/5.0	$V_f$	
REVERSE VOLTAGE	5.0			$V_r$	$I_r=100\mu\text{A}$
AXIAL INTENSITY (G/R)		5600/5600		$\mu\text{cd}$	$I_f=10\text{mA}$
EMITTED COLOR:	GREEN/RED				
FACE COLOR:	GRAY				
SEGMENT COLOR:	MILKY WHITE DIFFUSED				

\*DECIMAL POINT  $V_f$  : GREEN=2.2 ; RED=2.0

DIGIT DETAIL

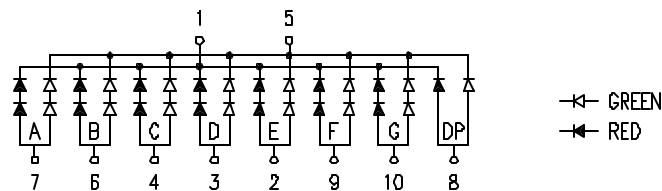


LIMITS OF SAFE OPERATION AT 25°C PER CHIP

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT	(G/R)	25/30	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

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

COMMON CATHODES



\*TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.029), X.XX=±0.25 (±0.010), LEAD LENGTH=±0.75 (±0.030), MIN.= +DECIMAL PRECISION -0.00, MAX.= +0.00 -DECIMAL PRECISION

REV.

PART NUMBER  
LDS-AC1042RI

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1.0" SEVEN SEGMENT BICOLOR DISPLAY,  
565nm GREEN/635nm RED, GRAY FACE, WHITE SEGMENTS,  
COMMON CATHODE, RIGHT DECIMAL POINT.

**RELIABILITY NOTE**  
OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.

DRAWN BY: CHECKED BY: APPROVED BY: DATE: 2-23-00

SS/DU

PAGE: 1 OF 1

SCALE: N/A