

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

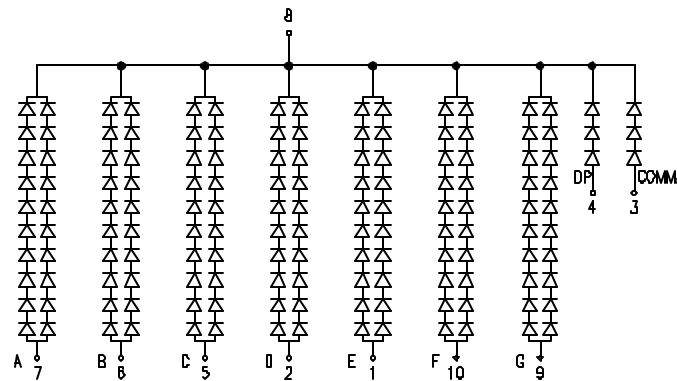
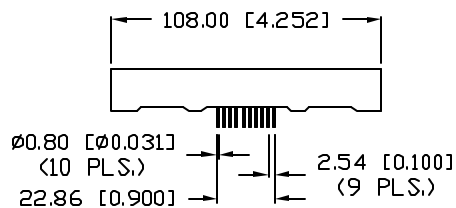
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		585 (YELLOW)		nm	
FORWARD VOLTAGE*		20/6.0*	24/7.2*	V _f	
REVERSE VOLTAGE	25			V _r	I _r =100μA
AXIAL INTENSITY		9000		μcd	I _f =10mA
EMITTED COLOR:	YELLOW				
FACE COLOR:	GREY				
SEGMENT COLOR:	MILKY WHITE DIFFUSED				

* SECOND VALUE FOR DECIMAL POINT AND COMMA.

LIMITS OF SAFE OPERATION AT 25°C PER CHIP

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		80	mA
STEADY CURRENT		12	mA
POWER DISSIPATION		60	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

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



*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.038), 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 -DECIMAL PRECISION

REV.

PART NUMBER
LDS-CA503RI

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5.0" SINGLE DIGIT SEVEN SEGMENT DISPLAY,
585nm YELLOW CHIPS, GRAY FACE,
MILKY WHITE DIFFUSED SEGMENTS, COMMON CATHODE.

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: JD	CHECKED BY:	APPROVED BY:	DATE: 11.29.04
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			SCALE: N/A