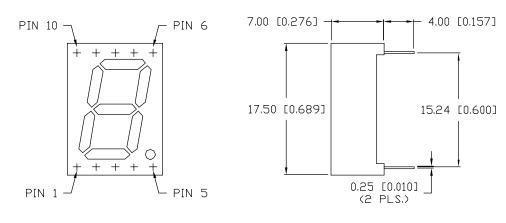
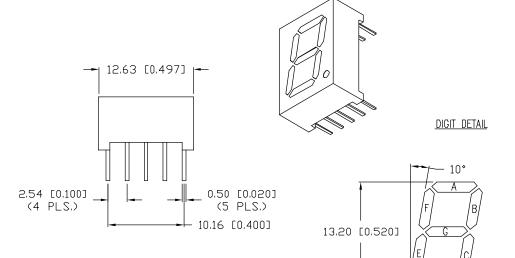
## LDS-C5206RI



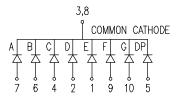


ELECTRO-OPTICAL CHARACTERISTICS TA=25°C If=10mA					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660		nm	
FORWARD VOLTAGE		1.7	2.2	٧f	
REVERSE VOLTAGE	5.0			٧r	1 <sub>r</sub> =100µA
AXIAL INTENSITY		13,300		µcd	$I_f = 10mA$
EMITTED COLOR:	RED				
FACE COLOR:	GRAY				
SEGMENT COLOR: MILKY WHITE 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/ <b>'</b> C
OPERATING, STORAGE TEMP.	-40  TO  +85	°C
SOLDERING TEMP.	+ 260	<b>.</b> C
2.0mm FROM BODY		3 SEC. MAX

\* t<10µS



\*UNC'ONTROLLED 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 -DECIMAL PRECISION PRECISION MAX. = +0.00 -DECIMAL PRECISI

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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.

INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION

IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.

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GB

CHECKED BY:

APPROVED BY: DATE:

4.10.03 PAGE: 1 OF 1 SCALE: N/A

REV.

PART NUMBER \_DS-C5206RI

0.52" SINGLE DIGIT SEVEN SEGMENT DISPLAY. 660nm SUPER RED CHIPS, GRAY FACE, WHITE SEGMENTS.