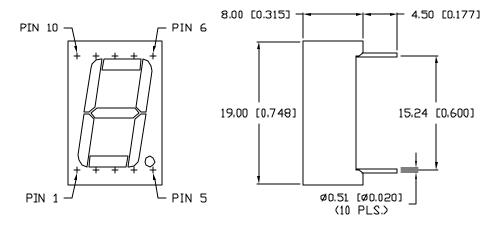
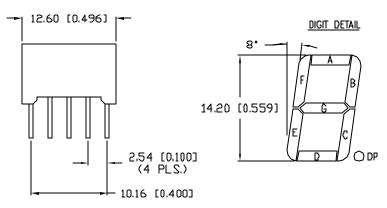
UNCONTROLLED DOCUMENT

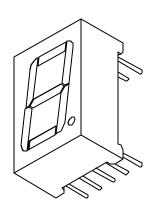
PART NUMBER

LDS-C512RI-SUG



PARAMETER MIN TYP MAX UNITS TEST COND PEAK WAVELENGTH 574 nm FORWARD VOLTAGE 2.2 2.6 Vf REVERSE VOLTAGE 5.0 Vr Ir=100µA AXIAL INTENSITY 7000 µcd If=10mA EMITTED COLOR: GREEN FACE COLOR: GRAY SEGMENT COLOR: MILKY WHITE DIFFUSED	ELECTRO-OPTICAL C	HARACTERIST	ICS TA=25	S'C	lf=10mA		
FORWARD VOLTAGE 2.2 2.6 Vf REVERSE VOLTAGE 5.0 Vr Ir=100 μ A AXIAL INTENSITY 7000 μ cd If=10mA EMITTED COLOR: GREEN FACE COLOR: GRAY	PARAMETER	MIN	TYP	MAX	UNITS	TEST COND	
REVERSE VOLTAGE 5.0 V_r I_r =100 μ A AXIAL INTENSITY 7000 μ cd I_f =10 m A EMITTED COLOR: GREEN FACE COLOR: GRAY	PEAK WAVELENGTH		574		nm		
AXIAL INTENSITY 7000 µcd I _f =10mA EMITTED COLOR: GREEN FACE COLOR: GRAY	FORWARD VOLTAGE		2.2	2.6	V_f		
EMITTED COLOR: GREEN FACE COLOR: GRAY	REVERSE VOLTAGE	5.0			V_{r}	$I_r = 100 \mu A$	
FACE COLOR: GRAY	AXIAL INTENSITY		7000		yxd	$I_f = 10 \text{mA}$	
	EMITTED COLOR:	GREEN					
SEGMENT COLOR: MILKY WHITE DIFFUSED	FACE COLOR:	GRAY					
	SEGMENT COLOR:	MILKY WE	MILKY WHITE DIFFUSED				





PARAMETER	MAX	UNITS	
PEAK FORWARD CURRENT*	150	mA	
STEADY CURRENT	25	mA	
POWER DISSIPATION	105	mW	
DERATE FROM 25°C	- 1.2	mW/℃	
OPERATING, STORAGE TEMP.	- 40 TO +85	•c	
SOLDERING TEMP.	+ 260	•c	

LIMITS OF SAFE OPERATION AT 25'C PER CHIP

* t<10µS

2.0mm FROM BODY

UNCONTROLLED DOCUMENT *UNILESS OTHERWISE SPECIFIED TOLERANCES PER DECINAL PRECISION ARE: X=±1 (±0.039), XXX=±0.5 (±0.020), XXX=±0.25 (±0.010), XXXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= +DECINAL PRECISION MAX.= +0.00 (±0.000), XXX=±0.127 (±0.000), XXXX=±0.127 (±0.000), XXXX=±0.000, XXX=±0.000, XXX=±0.00

REV.

PART NUMBER LDS-C512RI-SUG

0.56" SEVEN SEGMENT, SINGLE DIGIT LED DISPLAY, 574nm GREEN CHIPS, GRAY FACE WITH WHITE SEGMENTS, COMMON CATHODE.

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COMMON CATHODE

E F **本本本本**

> 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.



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3 SEC. MAX

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REV.

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