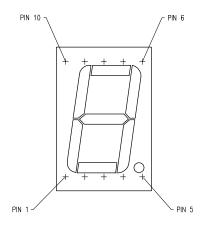
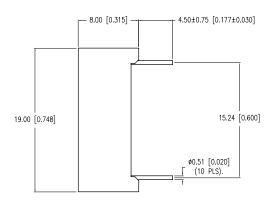
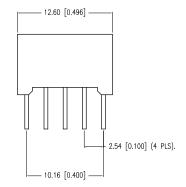
PART NUMBER

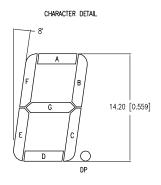
LDS-HTC513RI

REV.









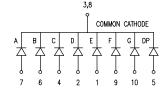
ELECTRO-OPTICAL CHARACTERISTICS $T_A = 25^{\circ}C$	$I_f = 10 mA$
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PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		585		nm	
FORWARD VOLTAGE		2.1	2.6	V f	
REVERSE VOLTAGE	5.0			٧r	$I_r = 100 \mu A$
AXIAL INTENSITY		3900		<b>µ</b> cd	$I_f = 10mA$
EMITTED COLOR:	YELLOW				·
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	25	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	- 1.6	m₩/*C
OPERATING, STORAGE TEMP.	-40 TO +105	•c
SOLDERING TEMP.	+ 260	•c
2.0mm FROM BODY	3	SEC. MAX

\* t<10µS



\*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE:  $X=\pm 1$  (±0.039),  $X.X=\pm 0.5$  (±0.020),  $X.XX=\pm 0.25$  (±0.010),  $X.XXX=\pm 0.127$  (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN=  $\frac{+DECIMAL}{-0.00}$  PRECISION  $\frac{1}{2}$  PRECISION  $\frac{1}{2}$   $\frac{1}{2}$ 



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0.56" SEVEN SEGMENT, SINGLE DIGIT DISPLAY, 585nm YELLOW CHIPS, COMMON CATHODE, RIGHT DECIMAL.

\*\*THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.\*\*

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