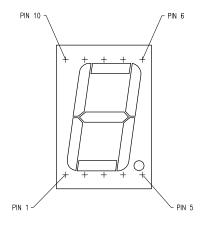
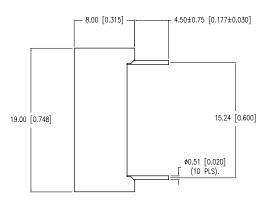
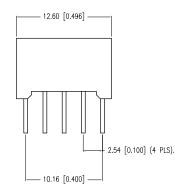
PART NUMBER

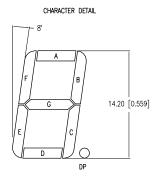
LDS-HTA516RI

REV.









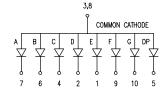
ELECTRO-OPTICAL	CHARACTERISTICS	$T_A = 25^{\circ}C$	$I_f = 10 \text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660		nm	
FORWARD VOLTAGE		1.8	2.3	V f	
REVERSE VOLTAGE	5.0			٧r	$I_r = 100 \mu A$
AXIAL INTENSITY		12,000		μcd	$I_f = 10mA$
EMITTED COLOR:	RED				
FACE COLOR:	GRAY				
SEGMENT COLOR:	MILKY WHI	TE DIFFUSED			

LIMITS OF SAFE OPERATION AT 25°C PER DIE

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	- 1.2	mW/*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 = -DECIMAL PRECISION MAX. = +0.00



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WEB: WWW.LUMEX.COM

0.56" SEVEN SEGMENT, SINGLE DIGIT DISPLAY, 660nm RED 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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	DATE:	01.29.10	DRAWN BY: JN		
	PAGE:	1 OF 1	CHKD BY:		
	SCALE:	N/A	APRVD BY: SS		
	UNIT: mm [INCH]		Pb)		