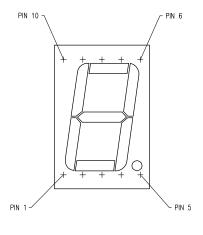
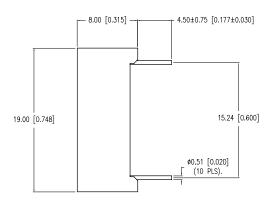
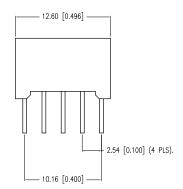
PART NUMBER

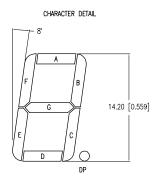
LDS-HTC514RI

REV.









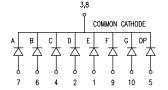
ELECTRO-OPTICAL CHARACTERISTICS $T_A = 25^{\circ}C$	$I_f = 10 \text{mA}$
---	----------------------

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635		nm	
FORWARD VOLTAGE		2.1	2.8	V f	
REVERSE VOLTAGE	5.0			٧r	$I_r = 100 \mu A$
AXIAL INTENSITY		3900		μcd	$I_f = 10mA$
EMITTED COLOR:	RED				Ÿ
FACE COLOR:	GRAY				
SEGMENT COLOR:	MILKY WHI	TE 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	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



290 E. HELEN ROAD PALATINE, IL 60067–6976 PHONE: +1.847.359.2790 FAX: +1.847.359.6538

WEB: WWW.LUMEX.COM

0.56" SEVEN SEGMENT, SINGLE DIGIT DISPLAY, 635nm RED CHIPS, COMMON CATHODE, RIGHT DECIMAL.

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

CONFIDENTIAL INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. ECCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTICE SMALE IN WHOLD OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.

CISION UNCONTROLLED DUCUMENT						
	DATE:	01.29.10	DRAWN BY: JN			
	PAGE:	1 OF 1	CHKD BY:			
	SCALE:	N/A	APRVD BY: SS			
	UNIT:	mm [INCH]	(A)			

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Lumex:

LDS-HTC514RI