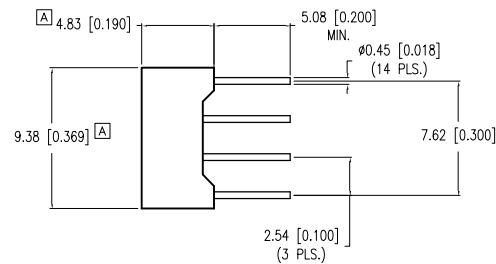
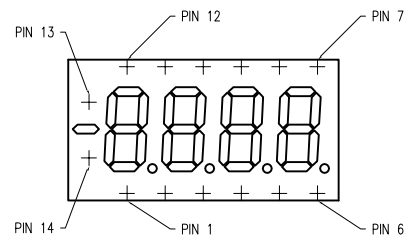


PART NUMBER	LDQ-HTM2202RI-UPG	REV.	A
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
11.03.10	E.C.N. #11674.		A

ELECTRO-OPTICAL CHARACTERISTICS $T_A = 25^\circ\text{C}$ $I_f = 20\text{mA}$

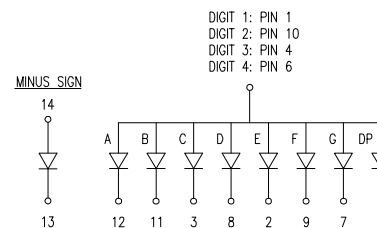
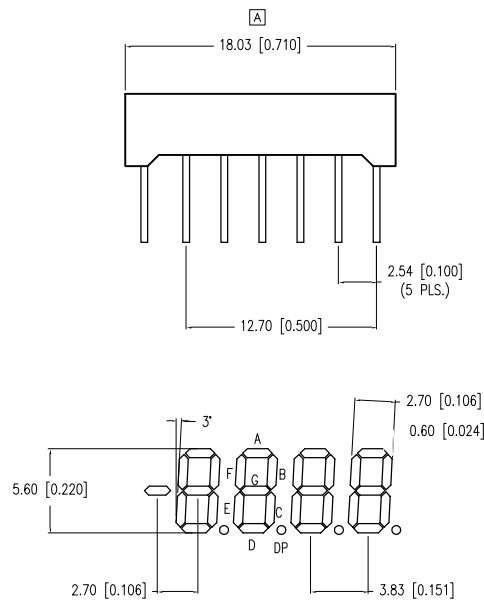
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		525		nm	
FORWARD VOLTAGE		3.5	4.0	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r = 100\mu\text{A}$
AXIAL INTENSITY		8000		μcd	$I_f = 10\text{mA}$
EMITTED COLOR:	GREEN				
FACE COLOR:	GRAY				
SEGMENT COLOR:	MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C PER CHIP

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	100	mW
DERATE FROM 25°C	-1.2	mW/ $^\circ\text{C}$
OPERATING, STORAGE TEMP.	-40 TO +105	$^\circ\text{C}$
SOLDERING TEMP.	+260	$^\circ\text{C}$
2.0mm FROM BODY	3	SEC. MAX

* $t < 10\mu\text{s}$

CAUTION: STATIC SENSITIVE DEVICE
FOLLOW PROPER E.S.D. HANDLING PROCEDURES
WHEN WORKING WITH THIS PART.



*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 = $\begin{matrix} +\text{DECIMAL PRECISION} \\ -0.00 \end{matrix}$ MAX = $\begin{matrix} +0.00 \\ -\text{DECIMAL PRECISION} \end{matrix}$



290 E. HELEN ROAD
PALATINE, IL 60067-6976
PHONE: +1.847.359.2790
FAX: +1.847.359.6538
WEB: WWW.LUMEX.COM

0.22" QUAD DISPLAY WITH MINUS SIGN, COMMON ANODE, 525nm GREEN, MILKY WHITE DIFFUSED GRAY FACE.

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

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DATE: 06.22.10	DRAWN BY: MP
PAGE: 1 OF 1	CHKD BY: KF
SCALE: N/A	APRVD BY: SS
UNIT: mm [INCH]	(P)

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