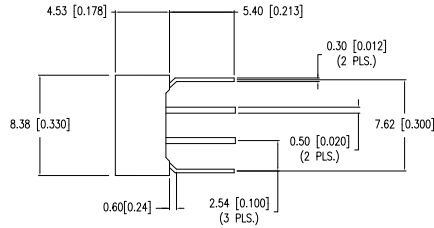
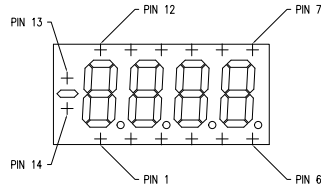


PART NUMBER	LDQ-M2212RI-UPG	REV.	C
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
06.03.10	E.C.N. #11646.		A
03.18.16	E.C.N. #12000.		B
02.02.17	ECN-Lumex2017000001.		C



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$, PER SEGMENT

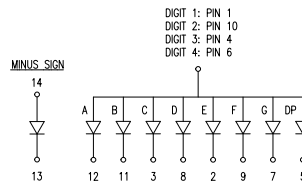
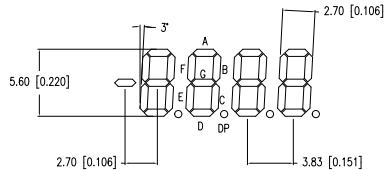
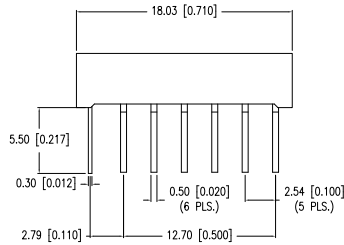
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		525		nm	$I_f = 20\text{mA}$
FORWARD VOLTAGE		3.5	4	V_f	$I_f = 20\text{mA}$
REVERSE VOLTAGE			5.0	V_r	$I_r = 100\mu\text{A}$
LUMINOUS INTENSITY		17000		μcd	$I_f = 10\text{mA}$
EMITTED COLOR:	GREEN				
FACE COLOR:	GRAY				
SEGMENT COLOR:	MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C , PER DIE

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	100	mA
STEADY CURRENT (R/G/B)	25	mA
POWER DISSIPATION	100	mW
OPERATING, STORAGE TEMP.	-40 TO +85	$^{\circ}\text{C}$
SOLDERING TEMP.**	3 SEC MAX @ +260	$^{\circ}\text{C}$

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

**2.0MM FROM BODY



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= ± 1 (± 0.039), X.X= ± 0.5 (± 0.020), X.XX= ± 0.25 (± 0.010), X.XXX= ± 0.127 (± 0.005). LEAD SIZE= ± 0.05 (± 0.002), LEAD LENGTH= ± 0.75 (± 0.030). MIN.= $^{+}$ DECIMAL PRECISION MAX.= $^{+0.00}$
 $^{-0.00}$ DECIMAL PRECISION



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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:	02.02.17	DRAWN BY:	E.C.
PAGE:	1 OF 1	CHKD BY:	G.Y.
SCALE:	N/A	APRVD BY:	R.C.
UNIT:	mm [INCH]		