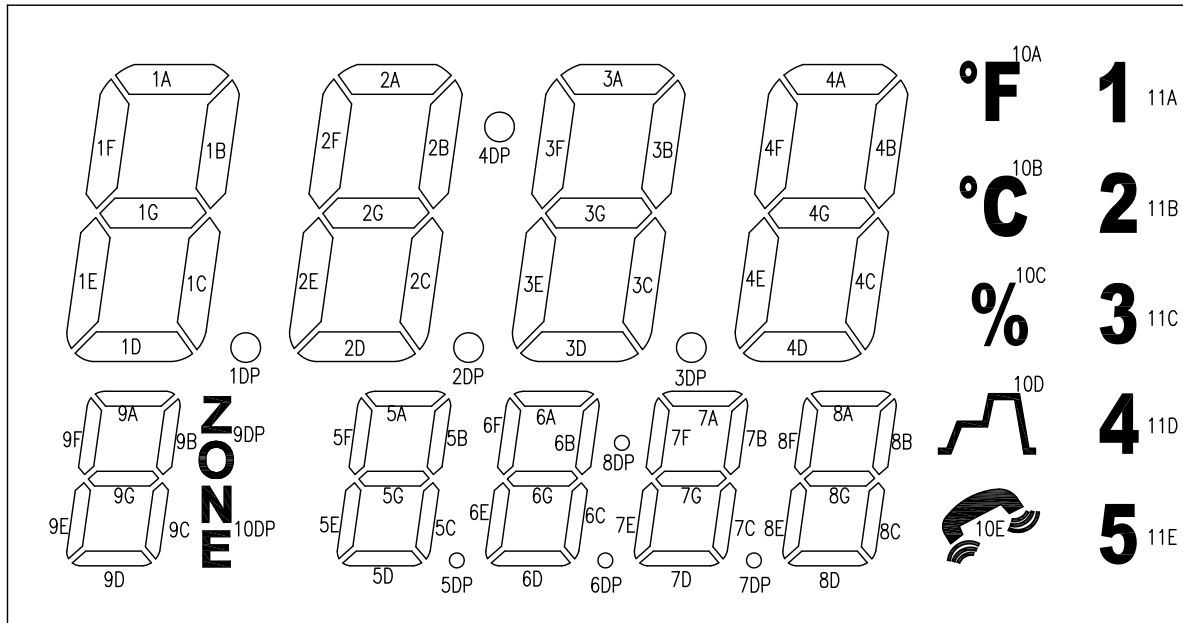
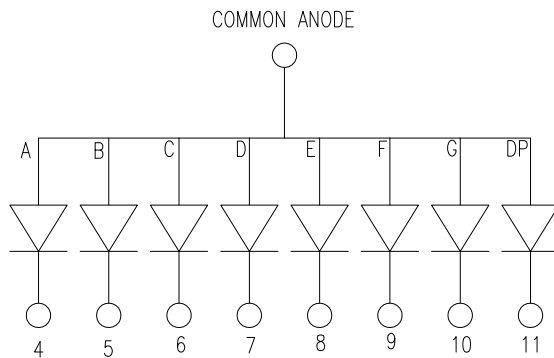


PART NUMBER	LDQ-2R4025D0248RDW	REV.	A
DATE	E.C.N. NUMBER AND REVISION COMMENTS		
02.06.13	E.C.N. #10BRDR. & REDRAWN.		

A



DIGIT: 1 2 3 4 5 6 7 8 9 10 11
PIN: 1 3 12 15 18 19 13 14 2 16 17



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=10\text{mA}$					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		636 (RED)		nm	
		574 (GREEN)		nm	
		620 (AMBER)		nm	
FORWARD VOLTAGE(R/G/A)		2.0/2.2/2.0	2.5/2.6/2.5	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY (R/G/A)		13000/7000/15000		μcd	$I_f=10\text{mA}$
EMITTED COLOR:	RED/GREEN/AMBER				
FACE COLOR:	BLACK				
SEGMENT COLOR:	MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C PER CHIP

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT	(R/G/A)	30/25/30	mA
POWER DISSIPATION		105	mW
DERATE FROM 25°C		-1.2	mW/ $^\circ\text{C}$
OPERATING, STORAGE TEMP.		-40 TO +85	$^\circ\text{C}$
SOLDERING TEMP.		+260	$^\circ\text{C}$
2.0mm FROM BODY			3 SEC. MAX

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

UNCONTROLLED DOCUMENT

DATE:	02.06.13	DRAWN BY:	MA
PAGE:	2 OF 2	CHKD BY:	SS
SCALE:	NTS	APRVD BY:	SS
UNIT:	mm [INCH]		(Pb)