

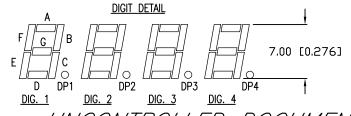
PART NUMBER				
LDQ-M284RI				
REV.	E.C.N. NUMBER AND REVISION COMMENTS	D/	ATE	
Α	E.C.N. #10337.	5.1	1.97	
В	E.C.N. #10387. & REDRAWN.	10.	2.98	
С	E.C.N. #10780. & REDRAWN.	8.2	2.01	

ELECTRO-OPTICAL CHARACTERISTICS TA=25°C If=10mA							
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND		
PEAK WAVELENGTH		635 (RED)		nm			
FORWARD VOLTAGE		2.0	2.5	۷f			
REVERSE VOLTAGE	5.0			V_r	Ir=100µA		
AXIAL INTENSITY		5000		μcd	$I_f = 10mA$		
EMITTED COLOR:	RED						
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	30	mA	
POWER DISSIPATION	105	mW	
DERATE FROM 25°C	-1.2	mW/°C	
OPERATING, STORAGE TEMP.	-30 TO +85	°C	
SOLDERING TEMP.	+ 260	•C	
2.0mm FROM BODY		3 SEC. MAX	

* t<10µS



*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.5 (±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 -DECIMAL PRECIS

rev. part number C LDQ-M284RI

0.28" FOUR DIGIT SEVEN SEGMENT DISPLAY,
RED, GRAY FACE WITH MILKY WHITE DIFFUSED SEGMENTS.

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RELIABILITY NOTE

OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT

SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE.

PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.



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ВС

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DRAWN BY: CHECKED BY: APPROVED BY: DATE: 1.16.01
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SCALE: N/A