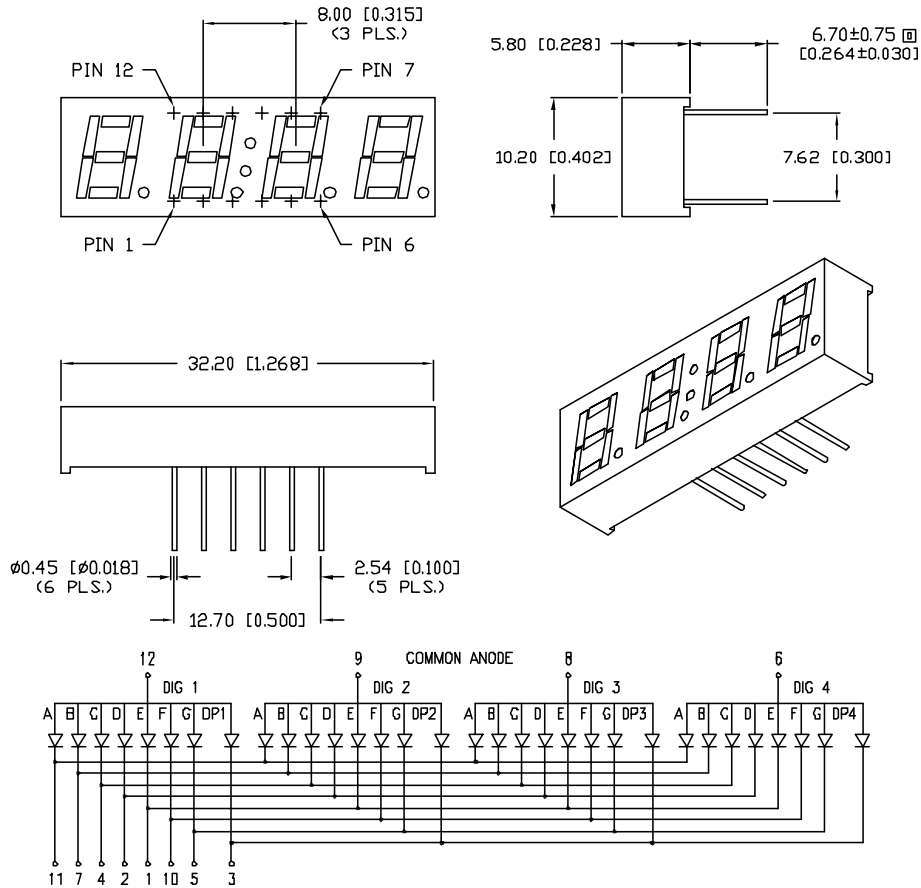


UNCONTROLLED DOCUMENT



PART NUMBER		REV.
LDQ-M282RI		D
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10293.	2.18.97
B	E.C.N. #10337.	5.1.97
C	E.C.N. #10387. & REDRAWN.	10.2.98
D	E.C.N. #10780. & REDRAWN.	8.22.01

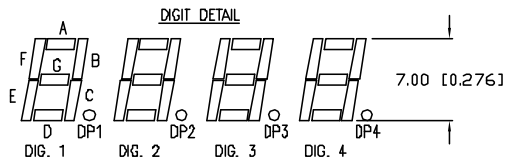
ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=10\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565 (GREEN)		nm	
FORWARD VOLTAGE		2.2	2.6	V _f	$I_f=100\mu\text{A}$
REVERSE VOLTAGE	5.0			V _r	$I_f=10\text{mA}$
AXIAL INTENSITY		2200		μcd	
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	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

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



*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), XX=±0.5 (±0.020), XXX=±0.25 (±0.010), XXXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN=+DECIMAL PRECISION -0.00, MAX.=+0.00 -DECIMAL PRECISION

REV.	PART NUMBER
D	LDQ-M282RI
0.28" FOUR DIGIT SEVEN SEGMENT DISPLAY, GREEN, 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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ct			1.25.96
			PAGE: 1 OF 1
			SCALE: N/A