DATE	REVISIONS		
4-22-98	E.C.N. #10BRDR. & REDRAWN./	Α	

DRAWING NUMBER LDQ-M512RI-RA Α

Α

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH FORWARD VOLTAGE REVERSE VOLTAGE AXIAL INTENSITY EMITTED COLOR: FONT COLOR: SEGMENT COLOR:	5.0 GREEN GREY	565 (GREEN) 2.2 3900 HITE DIFFUSE	2.6	nm Vf Vr µcd	I _r =100μA I _f =10mA

LIMITS OF SAFE OPERATION AT 25°C PER CHIP

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT* STEADY CURRENT POWER DISSIPATION DERATE FROM 25°C OPERATING, STORAGE TEMP. SOLDERING TEMP. 2.0mm FROM BODY	150 25 105 -1.2 -40 TO +85 +260	mA mA mW mW/*C *C *C 3 SEC. MAX

* t<10µS

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.

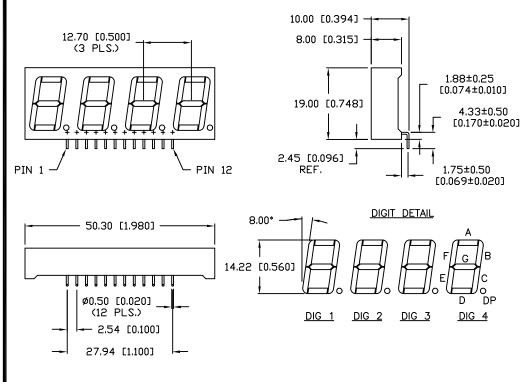
290 E. HELLEN ROAD PALATINE, ILLINOIS 60067 (847) 359-2790

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DATE:	11-13-95	DWN:	CHK'D:	APPD:
SCALE:	N/A			

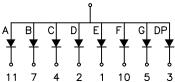
0.56" QUAD DIGIT, SEVEN SEGMENT DISPLAY, 565nm GREEN, RIGHT ANGLE, GREY FONT/WHITE SEGMENTS, MULTIPLEXED, COMMON ANODE.

				DRAWING NUMBER	REV
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COMMON ANODE

DIG 1: PIN NO. 12 DIG 2: PIN NO. 9 DIG 3: PIN NO. 8 DIG 4: PIN NO. 6



UNLESS OTHERWISE SPECIFIED TOLERANCE IS ±.25mm (±0.010")

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