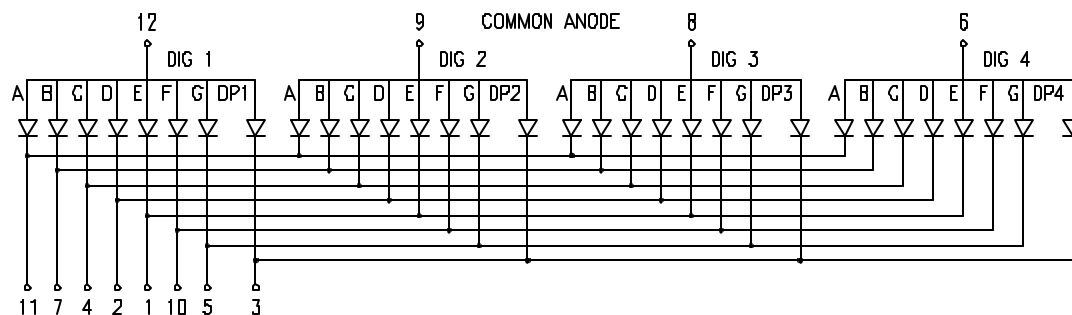
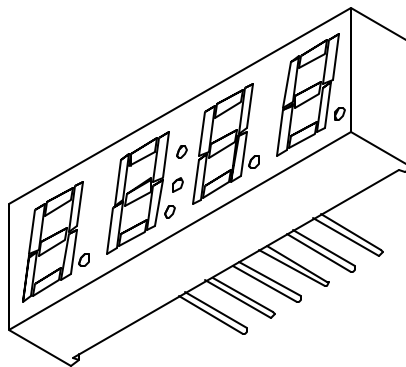
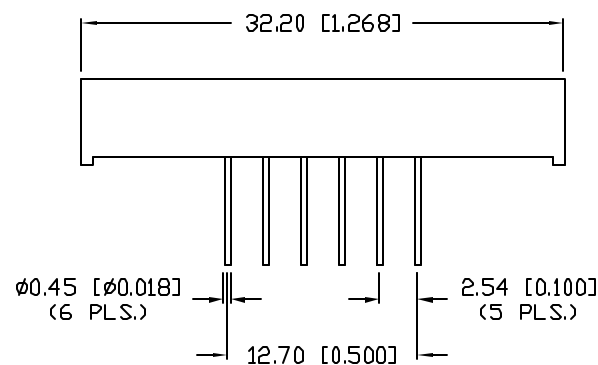
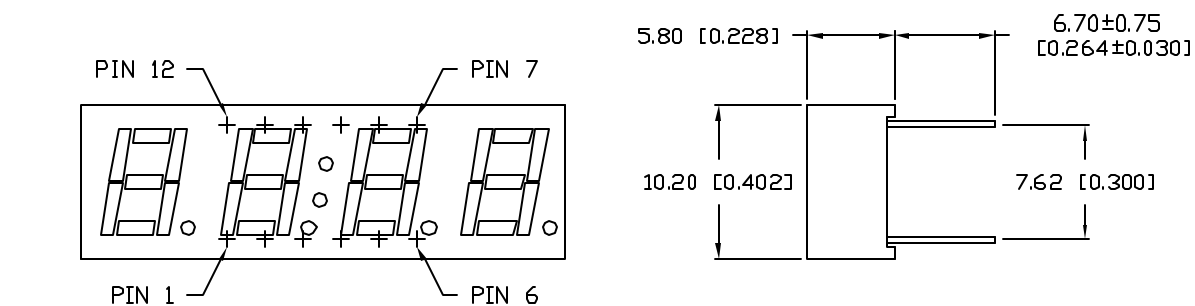


UNCONTROLLED DOCUMENT



*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

PART NUMBER
LDQ-M284RI-SIREV.
A

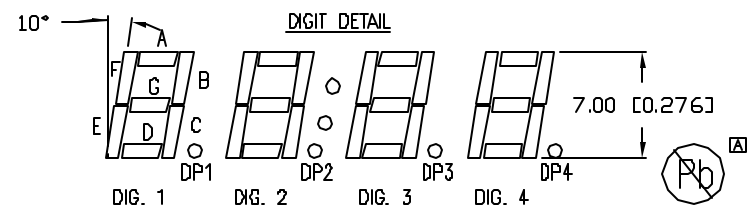
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #11478.	2.20.08

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		636		nm	
FORWARD VOLTAGE		2.0	2.5	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY		13000		μcd	$I_f=10\text{mA}$
EMITTED COLOR:	RED				
FACE COLOR:	GRAY				
SEGMENT COLOR:	MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C PER SEGMENT

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	80	mA
STEADY CURRENT	20	mA
POWER DISSIPATION	75	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-25 TO +85	°C
STORAGE TEMP.	-30 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY	3 SEC. MAX	

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

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REV.
APART NUMBER
LDQ-M284RI-SI

0.28" QUAD DIGIT, SEVEN SEGMENT, LED DISPLAY,
636nm RED CHIPS, GRAY FACE WITH WHITE SEGMENTS,
COMMON ANODE, 12 PINS, MULTIPLEXED.

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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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