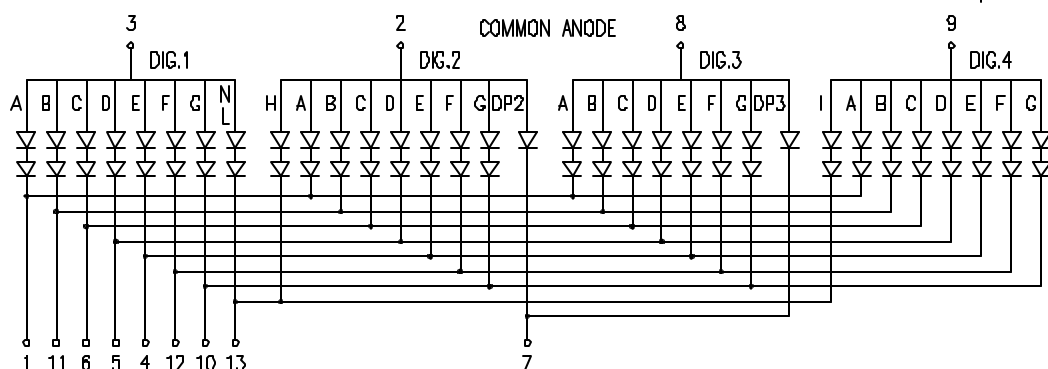
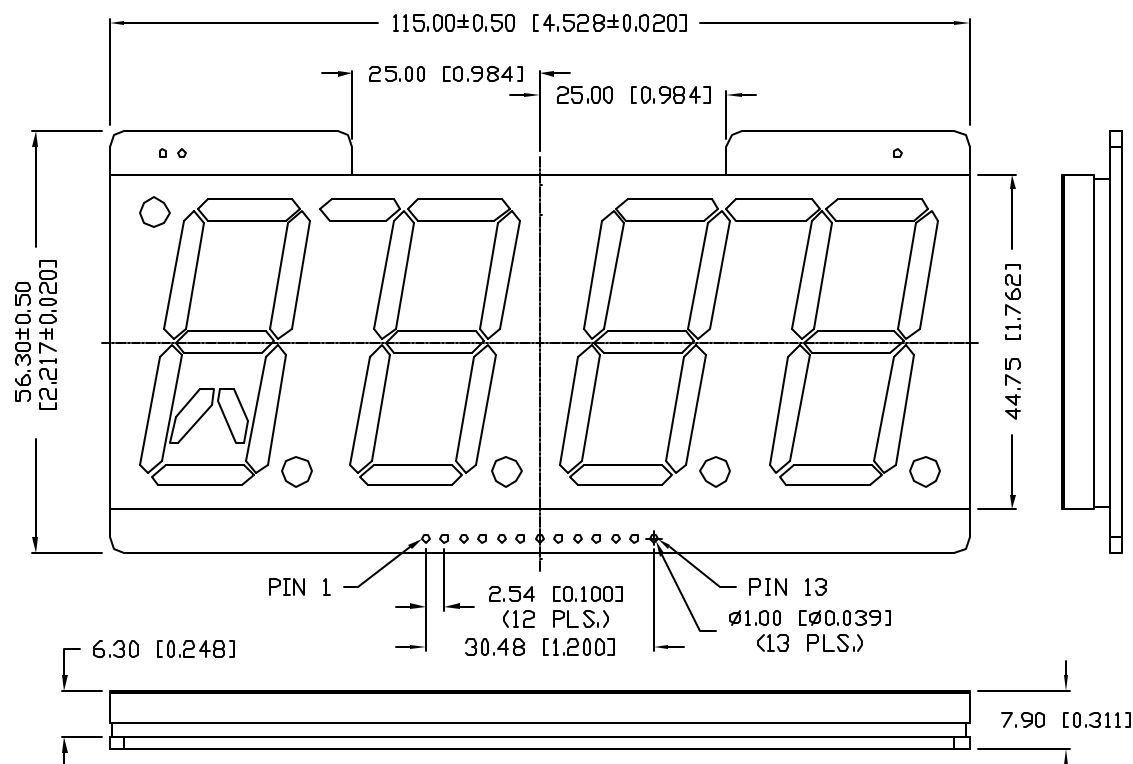


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*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), XX=±0.5 (±0.020), XXX=±0.25 (±0.010), XXXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN.=+DECIMAL PRECISION -0.00 MAX.=+0.00 -DECIMAL PRECISION

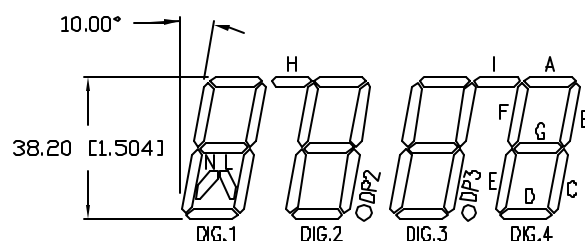
PART NUMBER			REV.
LDC-MA154R			A
REV.	E.C.N. NUMBER AND REVISION COMMENTS		DATE
A	E.C.N. #11148.		4.23.07

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635 (RED)		nm	
FORWARD VOLTAGE		4.2	4.8	V _f	
REVERSE VOLTAGE	5.0			V _r	I _r =100μA
AXIAL INTENSITY		4400		μcd	I _f =10mA
EMITTED COLOR:	RED				
FACE COLOR:	RED				
SEGMENT COLOR:	RED				

LIMITS OF SAFE OPERATION AT 25°C PER CHIP

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	80	mA
STEADY CURRENT	18	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		



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REV.
APART NUMBER
LDC-MA154R1.50" LED CLOCK DISPLAY, 635nm RED CHIPS,
RED FACE, AIR GAP, COMMON ANODE.

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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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JC			PAGE: 1 OF 1
			SCALE: N/A