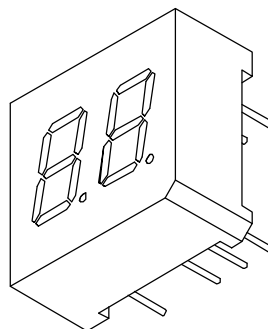
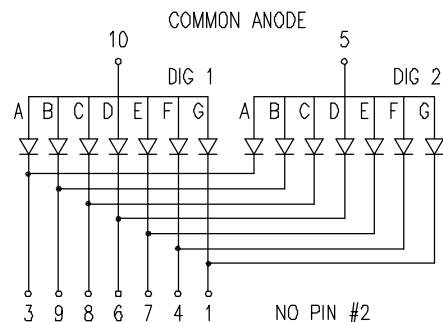
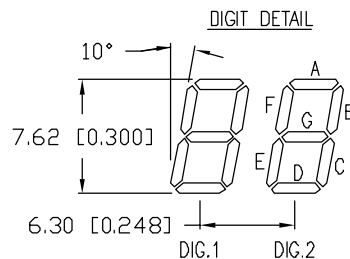
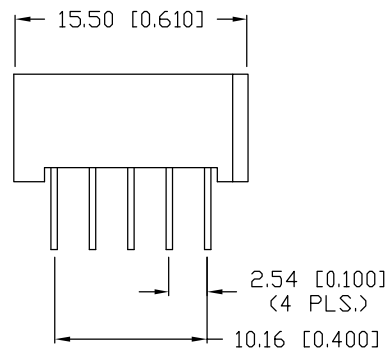
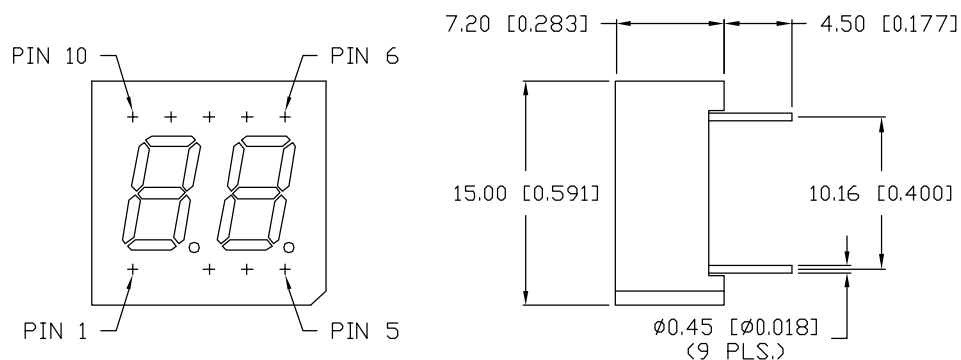


UNCONTROLLED DOCUMENT



PART NUMBER LDD-E305NI		REV. C
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10387 & #10407.	5.1.98
B	E.C.N. #10BRDR.	2.16.99
C	E.C.N. #10BRDR. & REDRAWN IN 3D.	6.21.03

ELECTRO-OPTICAL CHARACTERISTICS			$T_A=25^{\circ}\text{C}$	$I_f=10\text{mA}$	
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		700		nm	
FORWARD VOLTAGE		2.2	2.5	V_f	
REVERSE VOLTAGE	5.0			V_R	$I_R=100\mu\text{A}$
AXIAL INTENSITY		500		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 CHIPS		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.6	mW/°C
OPERATING, STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY		3 SEC. MAX

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

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*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=+0.00 MINUS DECIMAL PRECISION MAX.=+0.00 MINUS DECIMAL PRECISION

REV.
CPART NUMBER
LDD-E305NI

0.30" SEVEN SEGMENT, DUAL DIGIT, LED DISPLAY,
700nm RED CHIPS, GRAY FACE WITH WHITE SEGMENTS,
MULTIPLEXED, COMMON ANODE.

CONFIDENTIAL INFORMATION

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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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BC			PAGE: 1 OF 1
			SCALE: N/A