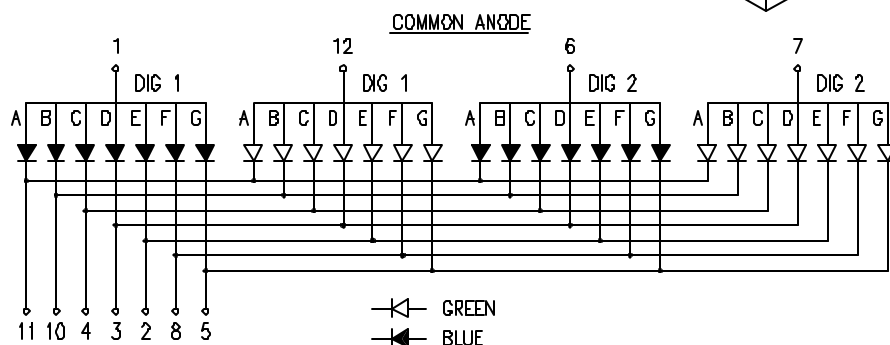
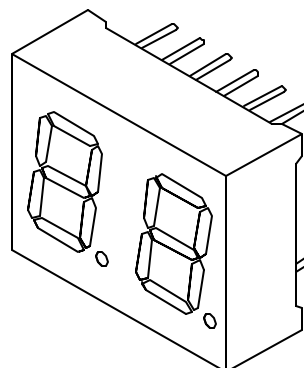
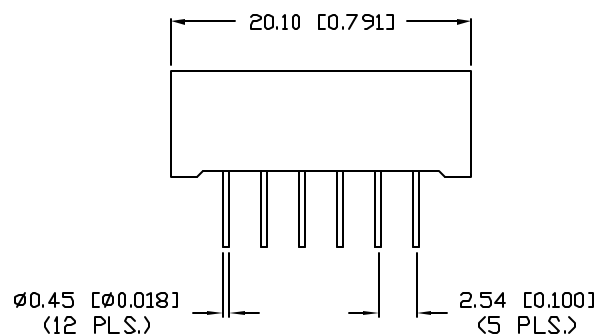
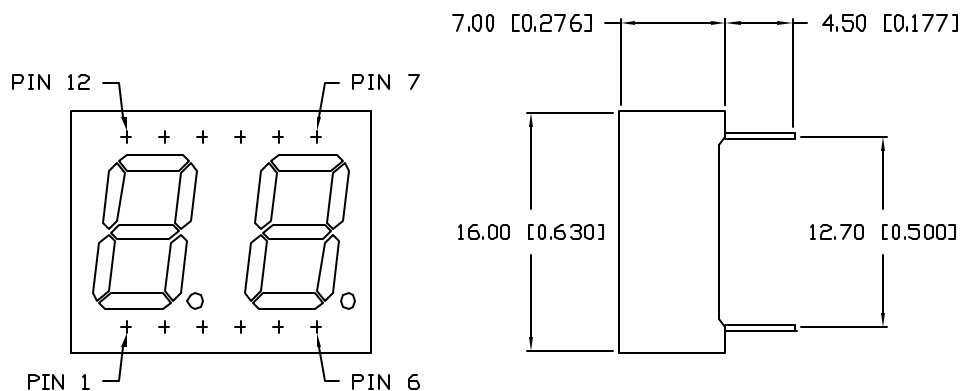




CAUTION: STATIC SENSITIVE DEVICE
FOLLOW PROPER E.S.D. HANDLING PROCEDURES
WHEN WORKING WITH THIS PART.

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

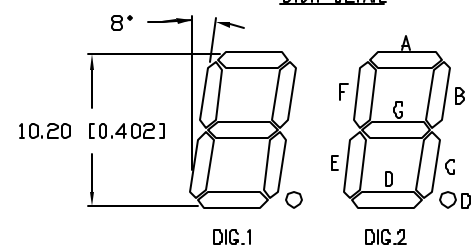
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		430 (BLUE)		nm	
		565 (GREEN)		nm	
FORWARD VOLTAGE (B/G)		3.2/2.2	4.5/2.6	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY		3100		μcd	$I_f=10\text{mA}$
EMITTED COLOR:	BLUE/GREEN				
FACE COLOR:	GRAY				
SEGMENT COLOR:	MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C PER CHIP

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT	(B/G)	30/25	mA
POWER DISSIPATION	(B/G)	105/75	mW
DERATE FROM 25°C		-1.6	mW/ $^\circ\text{C}$
OPERATING, STORAGE TEMP.		-25 TO +85	$^\circ\text{C}$
SOLDERING TEMP.		+260	$^\circ\text{C}$
2.0mm FROM BODY		3 SEC. MAX	

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

DIGIT DETAIL



*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 DECIMAL PRECISION MAX.=+0.00 DECIMAL PRECISION

REV.

PART NUMBER

LDD-M40127NI

0.40" SEVEN SEGMENT, DUAL COLOR, DUAL DIGIT LED DISPLAY,
430nm BLUE/565nm GREEN CHIPS, COMMON ANODE,
GRAY FACE WITH WHITE SEGMENTS, NO CHIPS IN DECIMALS.

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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DATE: 5.29.03

PAGE: 1 OF 1

SCALE: N/A