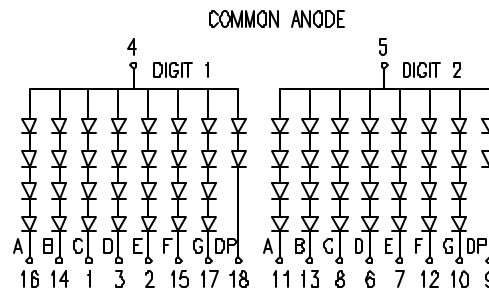
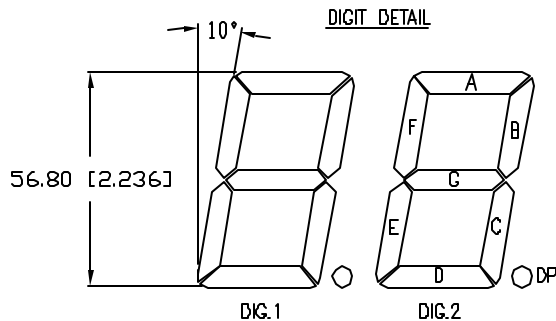
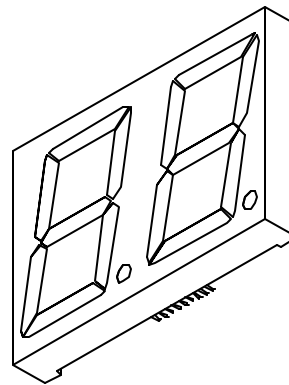
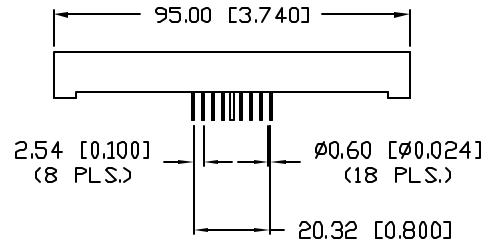
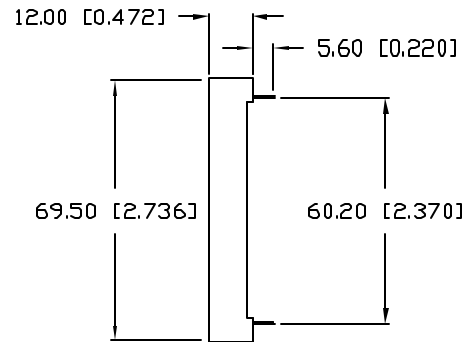
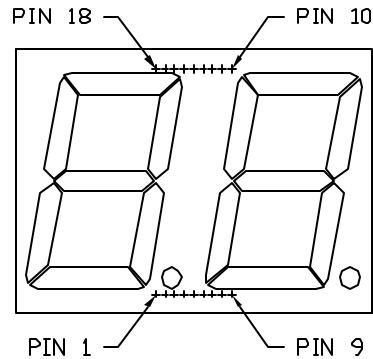


UNCONTROLLED DOCUMENT



PART NUMBER		REV.
LDD-AA238RI-SO		A
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #11148.	6.25.07

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		620		nm	
FORWARD VOLTAGE*		8.0/4.0	10.0/5.0	V _f	
REVERSE VOLTAGE	5.0			V _r	$I_r=100\mu\text{A}$
AXIAL INTENSITY		15000		μcd	$I_f=10\text{mA}$
EMITTED COLOR:	ORANGE				
FACE COLOR:	GRAY				
SEGMENT COLOR:	MILKY WHITE DIFFUSED				

* SECOND VALUE FOR 2 CHIPS IN DECIMAL POINT

LIMITS OF SAFE OPERATION AT 25°C PER DIE

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.2	mW/ $^\circ\text{C}$
OPERATING, STORAGE TEMP.	-40 TO +85	$^\circ\text{C}$
SOLDERING TEMP.	+260	$^\circ\text{C}$
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), 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 MAX=+0.00 -DECIMAL PRECISION

REV.	PART NUMBER
A	LDD-AA238RI-SO

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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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0.80" SEVEN SEGMENT, DUAL DISPLAY,
620nm ORANGE CHIPS, GRAY FACE WITH WHITE SEGMENTS,
COMMON ANODE, RIGHT DECIMAL PLACES.

DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE: 7.31.03
JN			PAGE: 1 OF 1
			SCALE: N/A