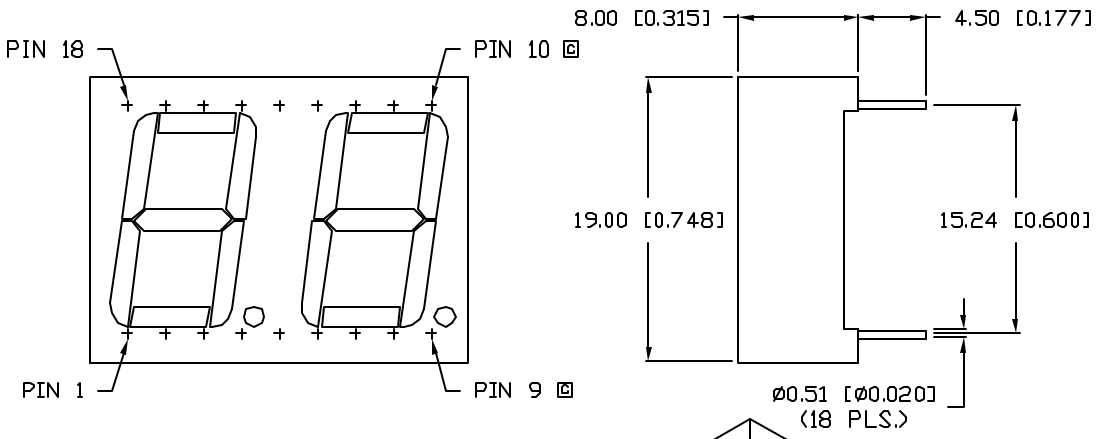
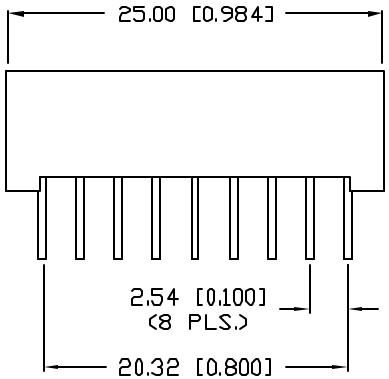
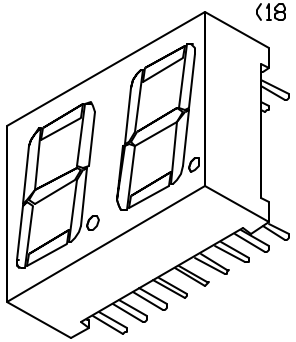
UNCONTROLLED DOCUMENT

PART NUMBER	REV.
LDD-A515RI	D

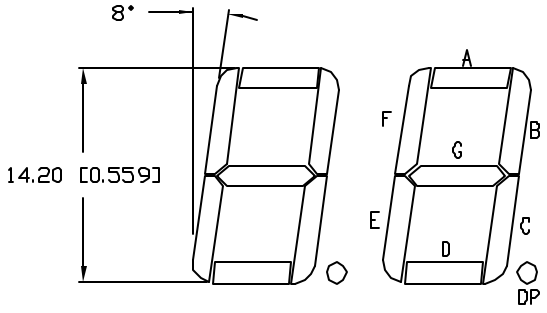
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10188. & 10113.	6.24.96
B	E.C.N. #10BRDR.	2.12.99
C	E.C.N. #10732. & REDRAWN IN 3D.	5.2.01
D	E.C.N. #11148.	4.26.07







CHARACTER DETAIL



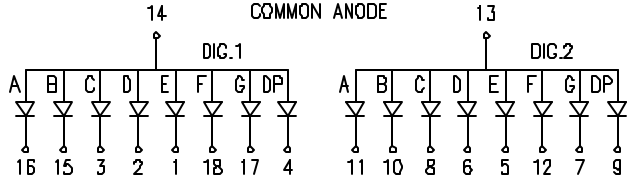
ELECTRO-OPTICAL CHARACTERISTICS T_A=25°C I_f=10mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		700		nm	
FORWARD VOLTAGE		2.0	2.5	Vf	
REVERSE VOLTAGE	5.0			Vr	I_r=100µA
AXIAL INTENSITY		1400		µcd	I_f=10mA
EMITTED COLOR:	RED				
FACE COLOR:	GRAY				
SEGMENT COLOR:	MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C PER CHIP

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	120	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING, STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY		3 SEC. MAX

* t<10µS



Pb D

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= $^{\pm\text{DECIMAL PRECISION}}_{-0.00}$ MAX.= $^{+0.00}_{-\text{DECIMAL PRECISION}}$

REV.	PART NUMBER
D	LDD-A515RI

0.56" SEVEN SEGMENT, DUAL DIGIT DISPLAY,
700nm RED CHIPS, GRAY FACE WITH WHITE SEGMENTS,
COMMON ANODE, RIGHT DECIMAL PLACE.

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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B

DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE: 4.8.96
JC			PAGE: 1 OF 1
			SCALE: N/A