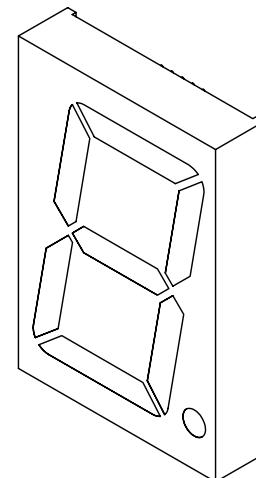
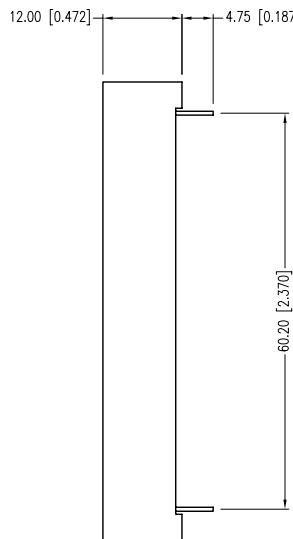
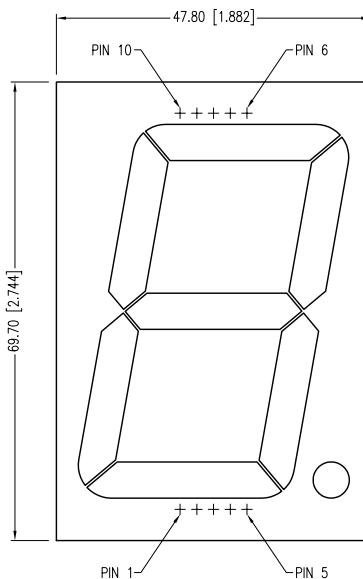


PART NUMBER	LDS-AD17RI-USB	REV.	A
DATE	E.C.N. NUMBER AND REVISION COMMENTS	REV.	
04.13.12	E.C.N. #10BRDR. & REDRAWN.		A



ELECTRO-OPTICAL CHARACTERISTICS $T_a=25^\circ\text{C}$ $I_f=10\text{mA}$					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		470		nm	
FORWARD VOLTAGE*		14.0/7.0	16.0/8.0	Vf	
REVERSE VOLTAGE	5.0			Vr	$I_r=100\mu\text{A}$
AXIAL INTENSITY		6000		$\mu\text{cd}$	$I_f=10\text{mA}$
EMITTED COLOR:	BLUE				
FACE COLOR:	GRAY				
LENS FINISH:	MILKY WHITE DIFFUSED				

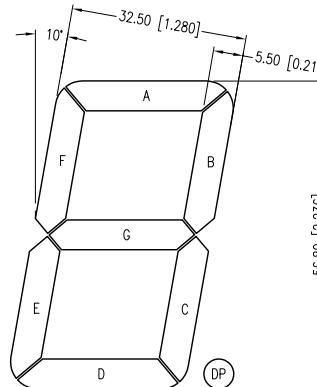
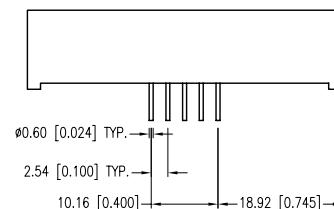
\*SECOND VALUE FOR DOUBLE CHIP IN DECIMAL POINT

#### LIMITS OF SAFE OPERATION AT $25^\circ\text{C}$ PER DIE

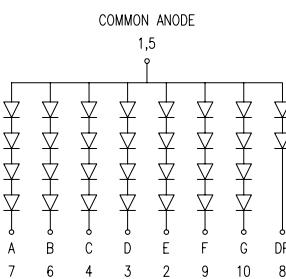
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	120	mW
DERATE FROM $25^\circ\text{C}$	-1.2	$\text{mW}/^\circ\text{C}$
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY	3	SEC.

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

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



DIGIT DETAIL



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

UNCONTROLLED DOCUMENT



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2.3" 7 SEGMENT DISPLAY, 470nm BLUE, GRAY FACE WHITE SEGMENTS.  
\*\*THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.\*\*  
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DATE: 04.13.12	DRAWN BY: AB
PAGE: 1 OF 1	CHKD BY: JD
SCALE: NTS	APRVD BY: JD
UNIT: mm [INCH]	NO

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