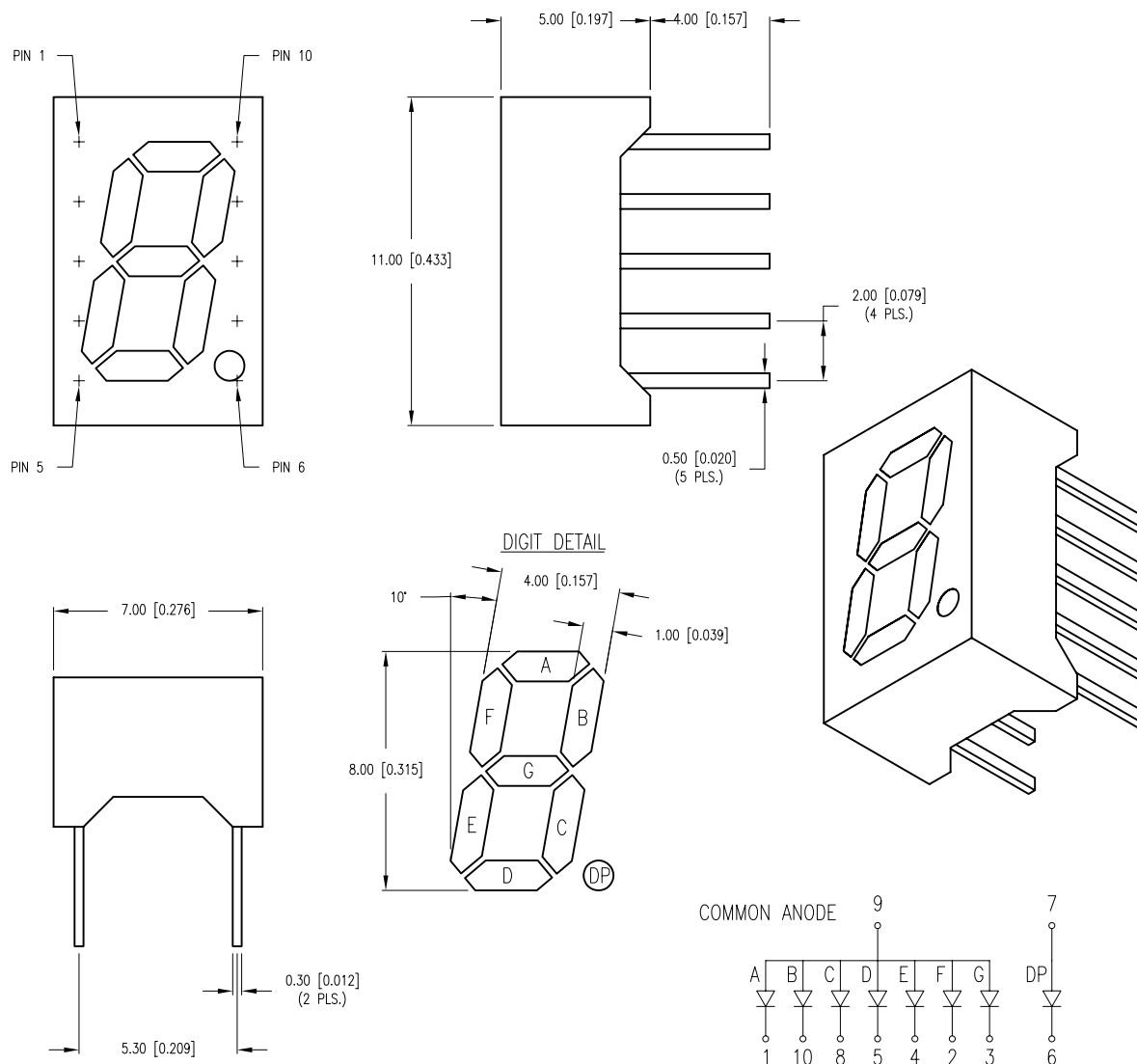


PART NUMBER	LDS-A3506RD-BIN	REV.	A
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
12.07.11	E.C.N. #10BRDR.		A



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=10\text{mA}$				
PARAMETER	MIN	TYP	MAX	UNITS TEST COND
PEAK WAVELENGTH		660		nm
FORWARD VOLTAGE		1.8	2.1	V_f
REVERSE VOLTAGE	5.0			V_r $I_r=100\mu\text{A}$
AXIAL INTENSITY	SEE BELOW			μcd $I_f=10\text{mA}$
EMITTED COLOR:	RED			
FACE COLOR:	BLACK			
SEGMENT COLOR:	MILKY WHITE DIFFUSED			

BIN CODE	K	M	N
INTENSITY RANGE ($\mu\text{cd} @ 10\text{mA}$)	4726~ 6144	6145~ 7987	7988~ 10383

LIMITS OF SAFE OPERATION AT 25°C PER SEGMENT

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

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

NOTES:

1. ONLY ONE BIN CODE PER TUBE IS ALLOWED.
2. ONLY FULL TUBES ARE ACCEPTABLE.

*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= $^{+0.00}_{-0.00}$ DECIMAL PRECISION MAX= $^{+0.00}_{-0.00}$ DECIMAL PRECISION

UNCONTROLLED DOCUMENT



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0.32" 7 SGMT, LED DISPLAY, COMMON ANODE, 660nm RED CHIPS, BLACK FACE W/WHITE SEGMENTS.

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.

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DATE:	12.07.11	DRAWN BY:	AB
PAGE:	1 OF 1	CHKD BY:	SS
SCALE:	NTS	APRVD BY:	KF
UNIT:	mm [INCH]		(Pc)