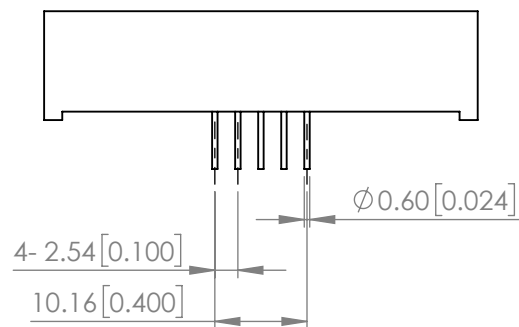
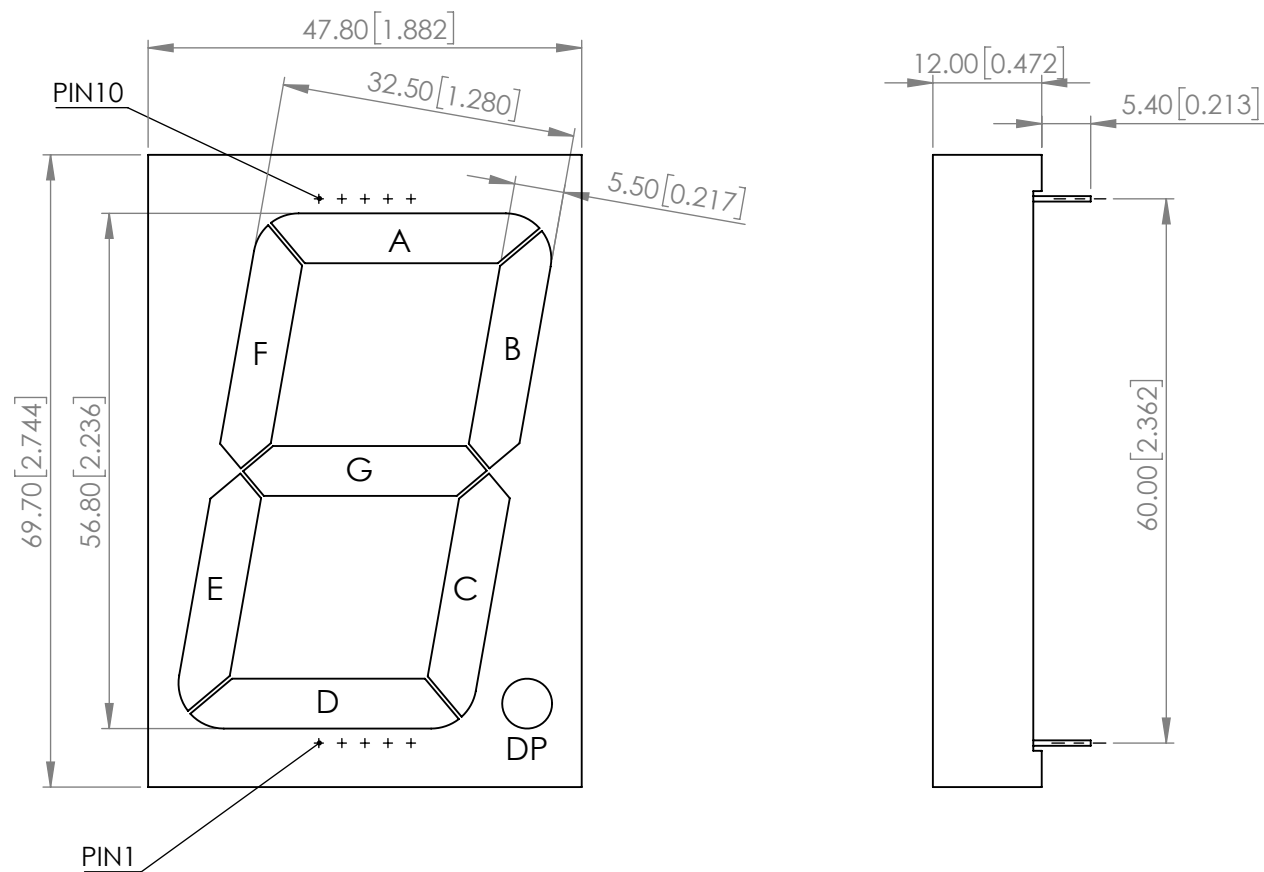
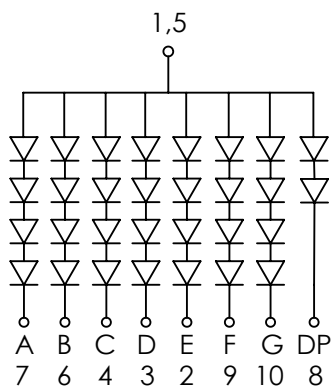


PART NUMBER		LDS-AD17RI-USB	REV	B
REV	E.C.N. NUMBER AND REVISION COMMENTS			DATE
A	E.C.N. #10BRDR & REDRAWN			04.13.12
B	ECN-Lumex202100018			04.19.21



CIRCUIT DIAGRAM



ELECTRO-OPTICAL CHARACTERISTIC TA=25°C PER SEGMENT

PARAMETER		MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	SEG.	-	470	-	nm	If=20mA
	DP	-	470	-		
FORWARD VOLTAGE	SEG.	-	12.4	14.4	Vf	If=20mA
	DP	-	6.2	7.2		
REVERSE CURRENT	SEG.	-	-	100	uA	VR=20V
	DP	-		100		VR=10V
LUMINOUS INTENSITY	SEG.	-	40	-	mcd	If=10mA
	DP	-	40	-		
EMITTED COLOR		BLUE				
FACE COLOR		GRAY				
SEGMENT COLOR		MILKY WHITE DIFFUSED				

ABSOLUTE MAXIMUM RATINGS TA=25°C PER SEGMENT

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*(SEG/DP)	100/100	mA
FORWARD CURRENT(SEG/DP)	25/25	mA
POWER DISSIPATION(SEG/DP)	360/180	mW
REVERSE VOLTAGE(SEG/DP)	20/10	V
STORAGE TEMPERATURE	-35 TO +85	°C
OPERATING TEMPERATURE	-35 TO +85	°C
SOLDERING TEMPERATURE**	3 SEC MAX. @ 260	°C

* t<10us

** AT 2mm DISTANCE FROM THE CASE OF REFLECTOR EDGE.

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



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2.3" SEGMENT DISPLAY, 470nm BLUE CHIPS, GRAY FACE WITH WHITE SEGMENTS, COMMON ANODE

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE.

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DATE : 2021.04.19	DRAWN BY : E.C.
PAGE : 1 OF 1	CHKD BY : E.C.
SCALE : NTF	APRVD BY : G.Y.
UNIT : mm [INCH]	Ⓢ