

PART NUMBER		LDS-E5002RI	REV	A
REV	E.C.N. NUMBER AND REVISION COMMENTS		DATA	
A	ECN-Lumex201700125		12/12/17	

ELECTRO-OPTICAL CHARACTERISTIC TA=25°C PER SEGMENT

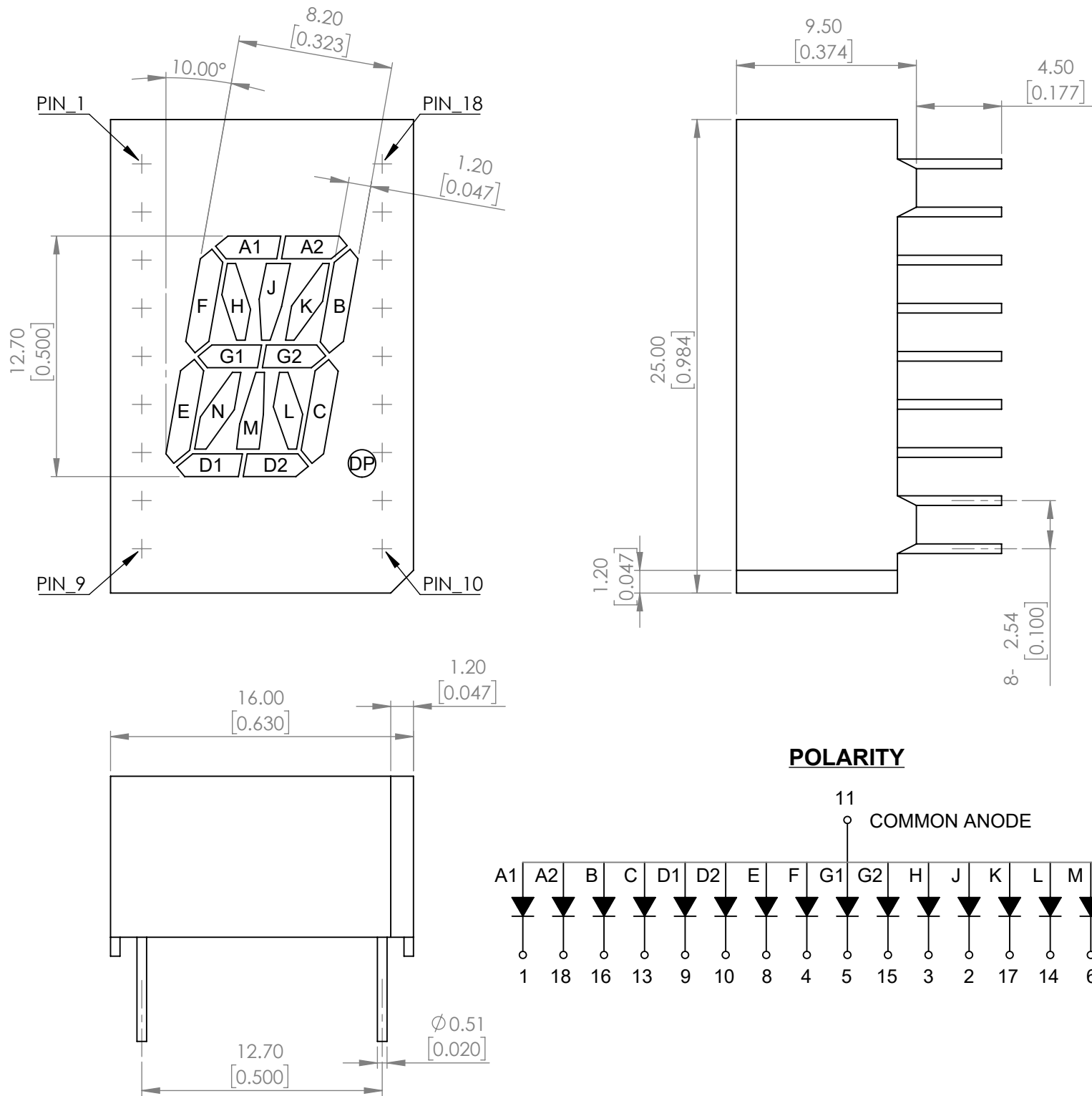
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	-	565	-	nm	If=20mA
FORWARD VOLTAGE	-	2.2	2.6	Vf	If=20mA
LUMINOUS INTENSITY	-	3500	-	ucd	If=10mA
REVERSE CURRENT	-	-	100	uA	Vr=5V
EMITTED COLOR	GREEN				
FACE COLOR	GRAY				
EPOXY LENS FINISH	MILKY WHITE DIFFUSED				

ABSOLUTE MAXIMUM RATINGS TA=25°C PER SEGMENT

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
FORWARD CURRENT	25	mA
POWER DISSIPATION	65	mW
REVERSE VOLTAGE	5	Vr
OPERATING TEMPERATURE	-40 TO +85	°C
STORAGE TEMPERATURE	-40 TO +85	°C
LEAD SOLDER TEMPERATURE**	3SEC MAX @260	°C

*1/10 DUTY CYCLE, 0.1MS PULSE WIDTH.

**2mm BELOW PACKAGE BASE



*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}

 425 N. GARY AVE. CAROL STREAM, IL 60188 PHONE : 800-278-5666 FAX : 630-315-2150 WEB : WWW.LUMEX.COM	0.50" SIXTEEN SEGMENT, SINGLE DIGIT LED DISPLAY, ALPHANUMERIC DESIGN, COMMON ANODE, 565nm GREEN, GRAY FACE WITH WHITE SEGMENTS		DATE : 2017.12.12	DRAWN BY : E.C.
	THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.		PAGE : 1 OF 1	CHKD BY : E.C.
	CONFIDENTIAL INFORMATION		SCALE : NTF	APRVD BY : G.Y.
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