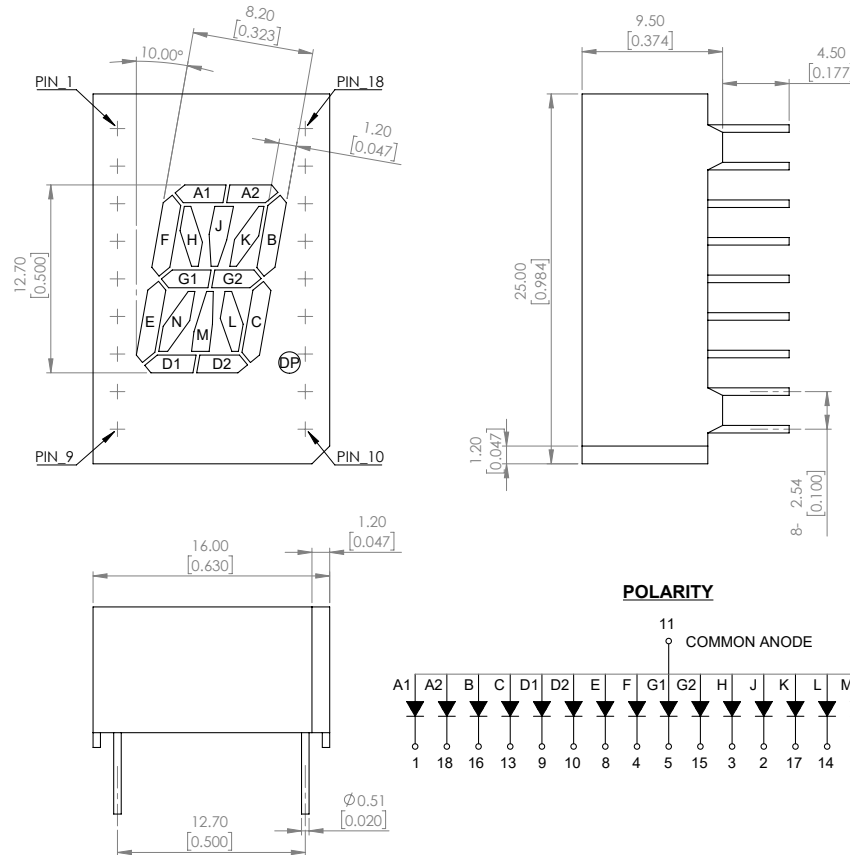


PART NUMBER		LDS-E5002RI	REV	A
REV	E.C.N. NUMBER AND REVISION COMMENTS		DATA	
A	ECN-Lumex201700125		12/12/17	



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



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0.50" SIXTEEN SEGMENT, SINGLE DIGIT LED DISPLAY, ALPHANUMERIC DESIGN, COMMON ANODE, 565nm GREEN, GRAY FACE WITH WHITE SEGMENTS

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

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DATE : 2017.12.12 DRAWN BY : E.C.

PAGE : 1 OF 1 CHKD BY : E.C.

SCALE : NTF APRVD BY : G.Y.

UNIT : mm [INCH]

Mouser Electronics

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