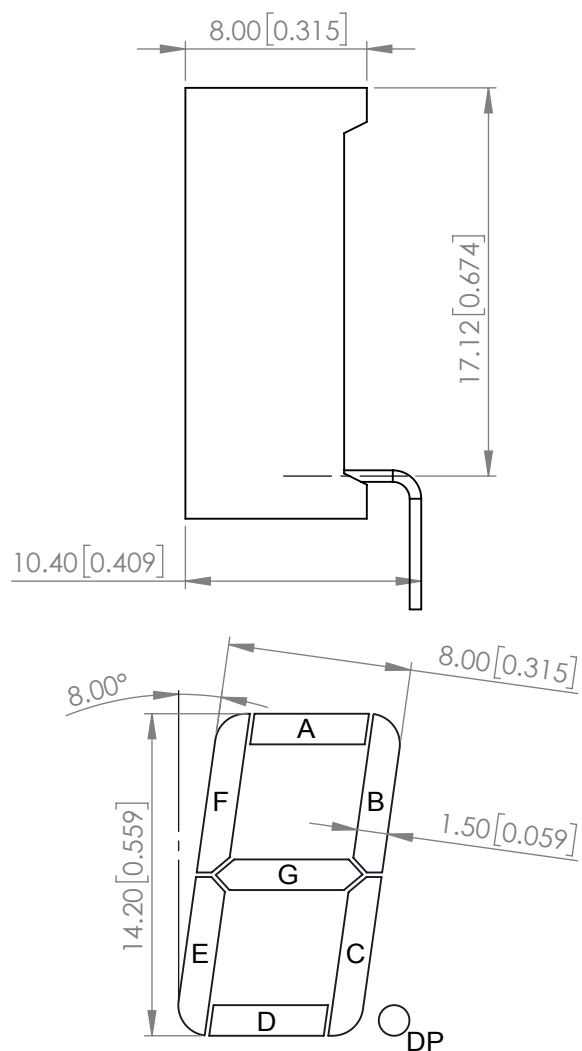
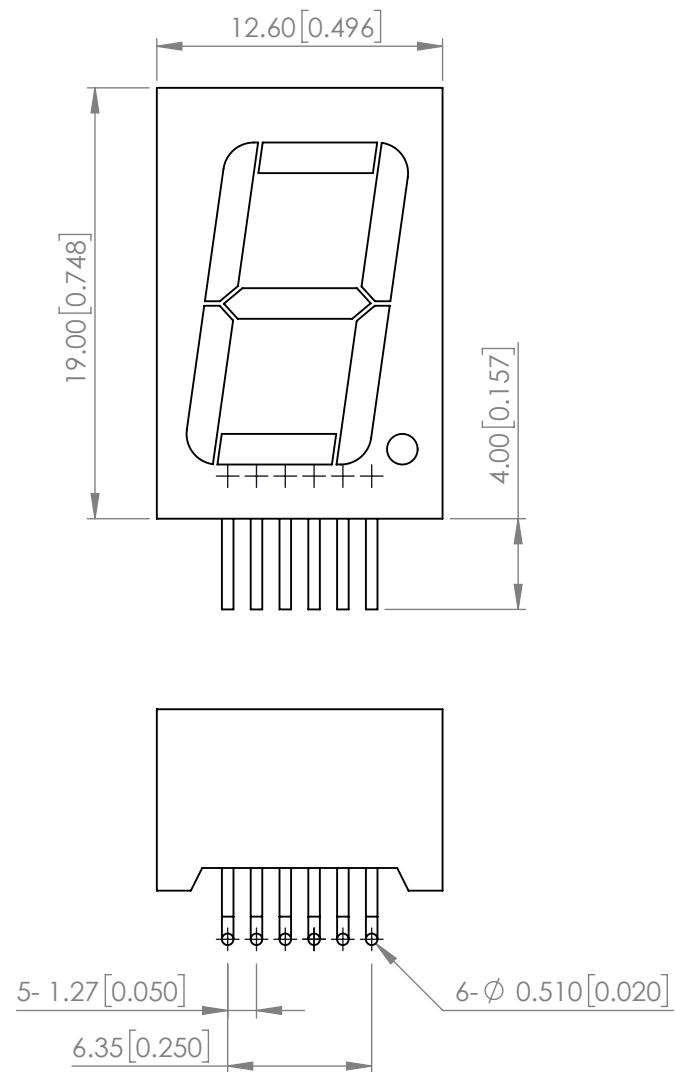


PART NUMBER		LDS-M512RI-RA/A	REV	A
REV	E.C.N. NUMBER AND REVISION COMMENTS			DATE
A	ECN-Lumex202000042			20.05.20



ELECTRO-OPTICAL CHARACTERISTIC TA=25°C PER SEGMENT

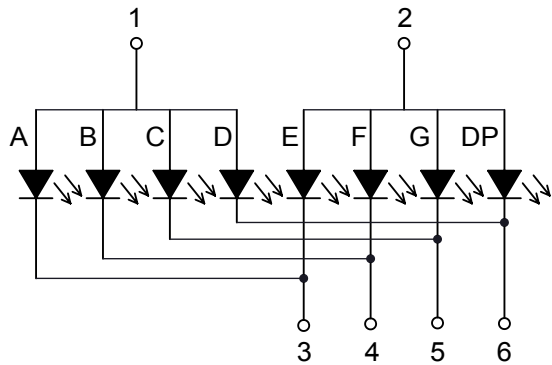
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGHT	-	568	-	nm	If=10mA
FORWARD VOLTAGE	-	2.2	2.6	Vf	If=10mA
REVERSE CURRENT	-	-	100	uA	VR=5V
LUMINOUS INTENSITY	-	4500	-	ucd	If=10mA
EMITTED COLOR	YELLOW GREEN				
FONT COLOR	GRAY				
SEGMENT COLOR	MILKY WHITE DIFFUSED				

ABSOLUTE MAXIMUM RATINGS TA=25°C PER SEGMENT

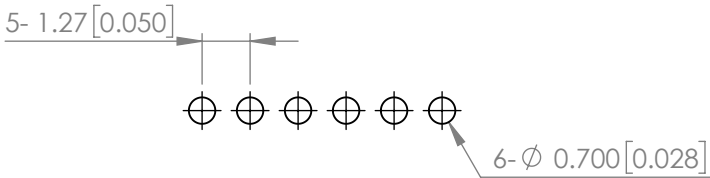
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	100	mA
FORWARD CURRENT	25	mA
POWER DISIPATION	65	mW
REVERSE VOLTAGE	5	V
STORAGE TEMPERATURE	-40 TO +105	°C
OPERATING TEMPERATURE	-40 TO +105	°C
LEAD SOLDERING TEMPERATURE	260°C/10SEC, 217°C/60~150SEC.2 TIMES REFLOW PROCESS	°C

* t<10us

POLARITY



RECOMMENDED SOLDER PAD LAYOUT



*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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19.0(L)*12.6(W)*8.0(H)mm,0.56" SINGLE DIGET,SEVEN SEGMENT DISPLAY,568nm YELLOW GREEN LEDS,GRAY FACE WITH WHITE SEGMENTS,COMMON ANODE, RIGHT DECIMAL POINT.

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE.

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DATE : 2020.02.26

DRAWN BY : E.C.

PAGE : 1 OF 1

CHKD BY : E.C.

SCALE : NTF

APRVD BY : G.Y.

UNIT : mm [INCH]

