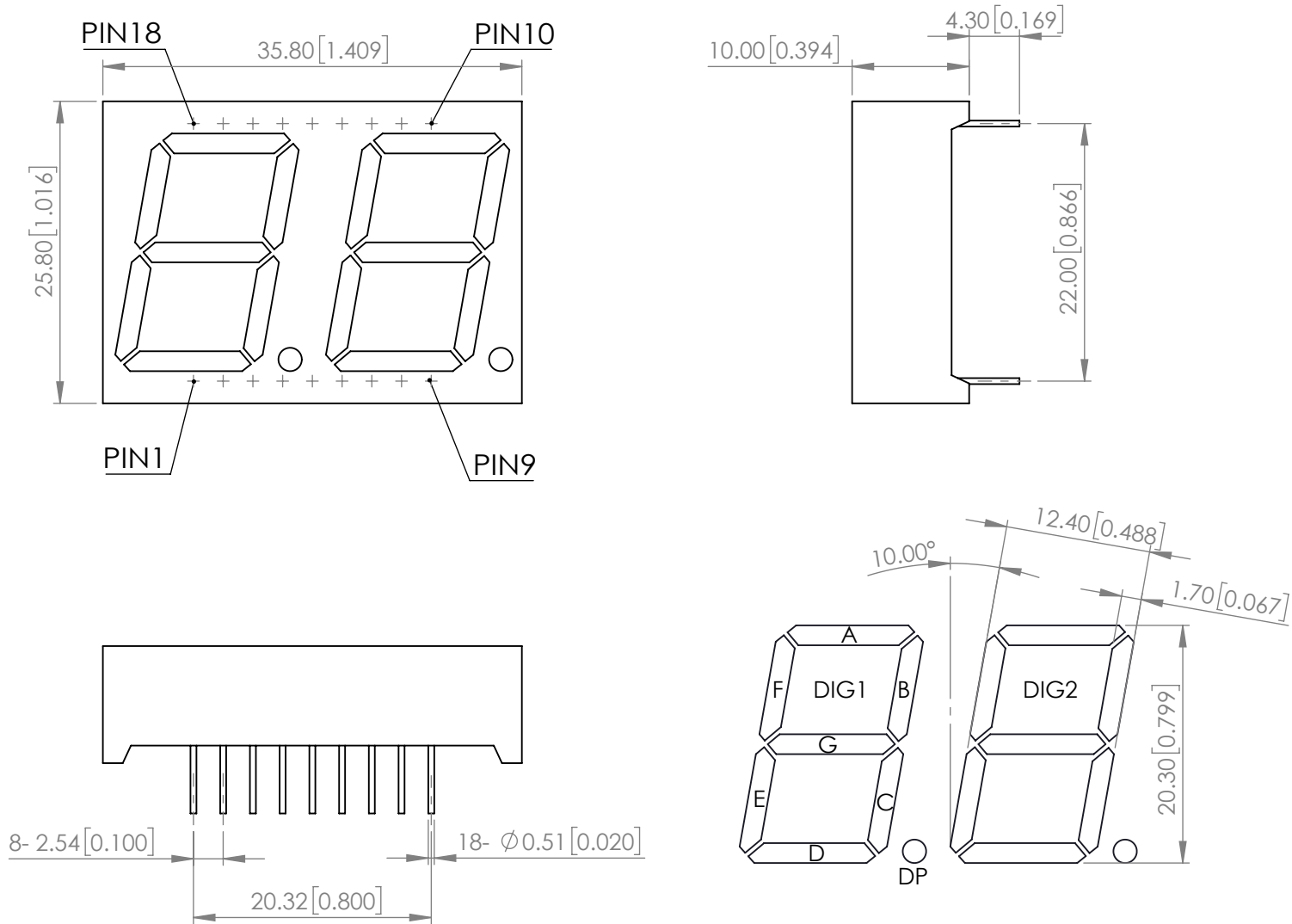


PART NUMBER		LDD-C812RI-SUG	REV	A
REV	E.C.N. NUMBER AND REVISION COMMENTS			DATE
A	ECN-Lumex202400036			06.27.24



ELECTRO-OPTICAL CHARACTERISTIC TA=25°C PER SEGMENT

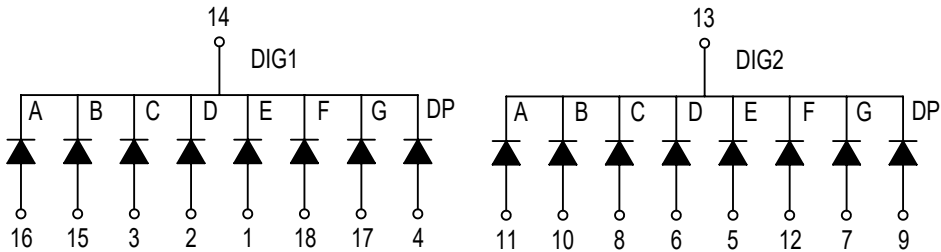
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	-	574	-	nm	If=20mA
FORWARD VOLTAGE	-	2.0	2.3	Vf	If=20mA
REVERSE CURRENT	-	-	50	uA	VR=5V
LUMINOUS INTENSITY	--	20	-	mcd	If=10mA
EMITTED COLOR	YELLOW GREEN				
FONT COLOR	GRAY				
SEGMENT COLOR	MILKY WHITE DIFFUSED				

ABSOLUTE MAXIMUM RATINGS TA=25°C PER SEGMENT

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	80	mA
FORWARD CURRENT	20	mA
POWER DISSIPATION	50	mW
REVERSE VOLTAGE	5	V
STORAGE TEMPERATURE	-30 TO +105	°C
OPERATING TEMPERATURE	-25 TO +105	°C
SOLDERING TEMPERATURE**	3 SEC MAX. @ 260	°C

* 1/10 DUTY,10KHz
** AT 2mm DISTANCE FROM THE CASE OF REFLECTOR EDGE.

CIRCUIT DIAGRAM



*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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0.80" DUAL DIGIT, SEVEN SEGMENT LED DISPLAY, 574nm YELLOW GREEN CHIPS, GRAY FACE WITH WHITE SEGMENTS, COMMON CATHODE, 18 PINS.

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE.

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DATE : 2024.06.27

DRAWN BY : E.C.

PAGE : 1 OF 1

CHKD BY : T.S.

SCALE : NTF

APRVD BY : G.Y.

UNIT : mm [INCH]

