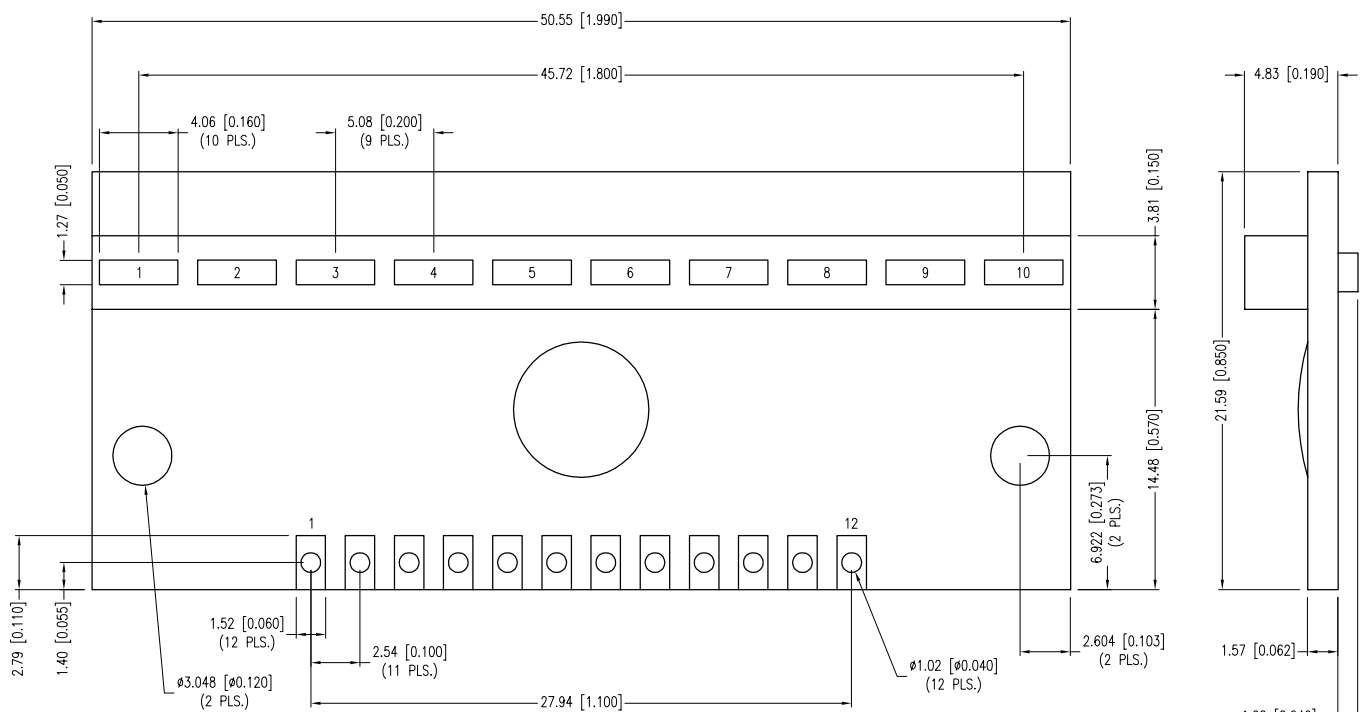


PART NUMBER	SSA-B1014G6Y2I2W	REV.	A
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
07.18.11	E.C.N. #10BRDR. & REDRAWN.		A



ELECTRO-OPTICAL CHARACTERISTICS

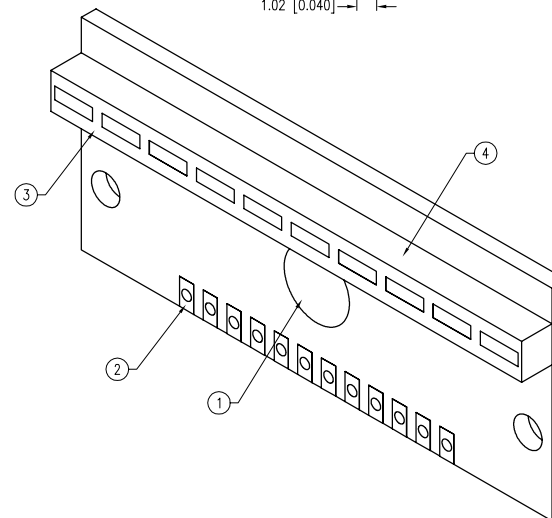
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565/585/635		nm	
OUTPUT VOLTAGE (V_{REF})	1.20	1.28	1.34	V	$0.1mA \leq I_L(REF) \leq 4mA$
LED CURRENT	7	10	13	mA	$V_+ = V_{LED} = 5V$ $I_L(REF) = 1mA$
STANDBY SUPPLY CURRENT (ALL OUTPUTS OFF)		2.4	4.2	mA	$V_+ = 5V$ $I_L(REF) = 0.2mA$
AXIAL INTENSITY	4400	4400	4400	μcd	$I_L(REF) = 1mA$
EMITTED COLOR: GREEN: LED 1-6, YELLOW: LED 7-8, RED: 9-10					

LIMITS OF SAFE OPERATION 25°C

PARAMETER	MAX	UNITS
V LED	24	V
V+	24	V
REF. LOAD CURRENT	10	mA
POWER DISSIPATION	500	mW
INPUT SIGNAL OVERVOLTAGE	± 35	V
DIVIDER VOLTAGE	-100 TO V+	mV
OPERATING, STORAGE TEMP.	-20 TO +80	°C

NOTES:

1. IC DRIVER: NATIONAL SEMICONDUCTOR #LM3914.
2. ONE SIDE GOLD PLATED HOLES.
3. DIFFUSER OVERLAY.
4. AIR GAP REFLECTOR.
5. FOR COMPLETE OPERATING CHARACTERISTICS OF LM3914 REFER TO NATIONAL SEMICONDUCTOR SPEC SHEET.



*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.= $\begin{matrix} +DECIMAL \\ -0.00 \end{matrix}$ PRECISION MAX.= $\begin{matrix} +0.00 \\ -DECIMAL \end{matrix}$ PRECISION

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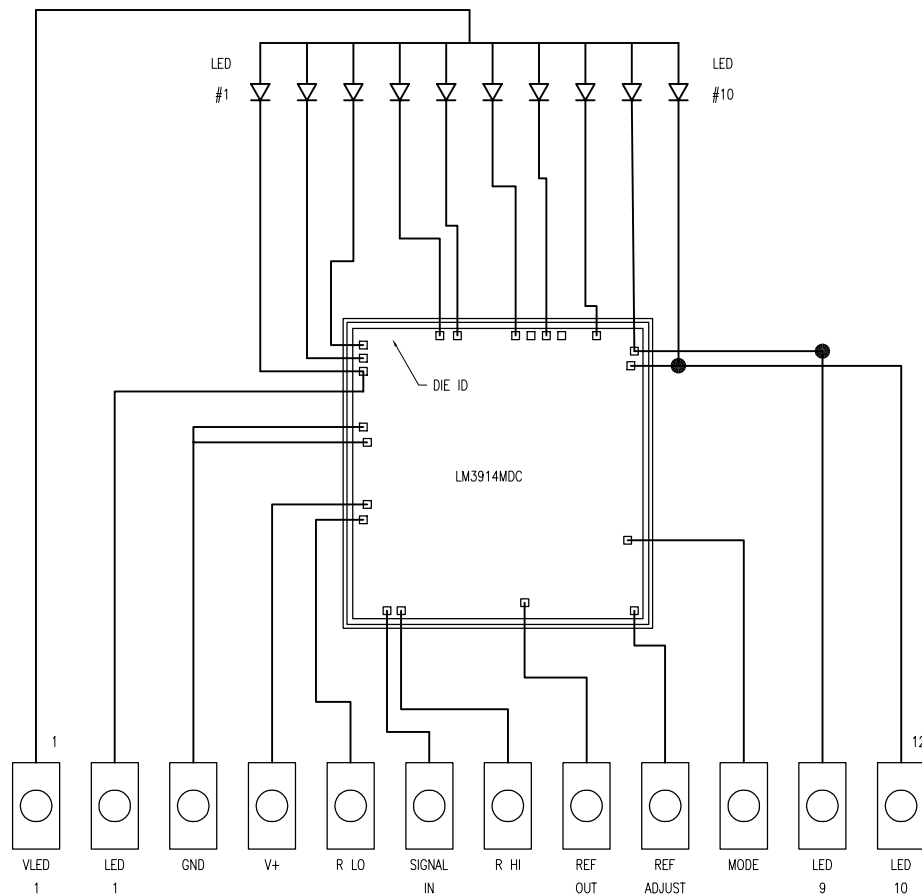
10 SEGMENT LED ARRAY 565/585/635nm GREEN/YELLOW/RED REFLECTOR AIR GAP, LM3914 DRIVER.

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

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UNIT:	mm [INCH]		Ⓢ

PART NUMBER	SSA-B1014G6Y2I2W	REV.	A
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