



L.C. LED



LCSA-3914TB11: Alpha-Numeric Single Digit 0.39 Inch (9.9mm) Blue LED Display

PRODUCT DESCRIPTION	
(1) 0.39 Inch (9.9mm) Single Digit Alpha-Numeric LED	(5) Gray or black color background
(2) Low current operation	(6) Common Anode
(3) Excellent color and font characteristics	(7) RoHs Compliant Part
(4) Colors: White, blue, red, yellow and green	

Absolute Maximum Rating (Ta = 25⁰C)

PARAMETER	RED	AMBER	GREEN	BLUE	WHITE	UNITS
DC Forward Current Per Segment	30	30	25	30	20	mA
Peak Current Per Segment (1)	100	100	100	100	25	mA
Avg. Forward Current (Pulse Operation) Per Segment	30	30	30	30	25	mA
Reverse Voltage (2)	3					V
Operating Temperature	-25 to +85					⁰ C
Storage Temperature	-30 to +85					⁰ C

(1) Pulse conditions of 1/10 duty and 0.1msec width, for long operating life, max. of 20mA recommended

(2) Reverse biasing of the dot matrix is not recommend, will cause damage to the leds

Electro-optical Characteristics (Ta = 25⁰C)

PART NUMBER	DICE MATERIAL (COLOR)	PEAK WAVELENGTH (nm)	MAX. REVERSE CURRENT / SEGMENT (mA)	VF (V) TYP	VF (V) MAX.	LUMINOUS INTENSITY / SEGMENT AVERAGE (IF = 20mA)
LCSA-3914AUR11	AlGaAs Red	660	10	1.8	2.3	25,000 ucd
LCSA-3914TB11	InGaN Blue	468	10	3.3	4.0	45,000 ucd
LCSA-3914YG11	GaP Green	568	10	1.9	2.3	25,000 ucd
LCSA-3914UY11	AllnGaP Amber	590	10	1.8	2.3	30,000 ucd
LCSA-3914TW11	InGaN White	5,500K	10	3.3	4.0	70,000 ucd

DEVICE DIAGRAM & PIN CONNECTION

