

3.2 Common Cathode 0.36 Inch (9.14mm)

PRODUCT DESCRIPTION	
(1) Three Digit 0.36 Inch (9.14mm) Height	(5) Gray or black color background
(2) Low current operation	(6) Common Cathode
(3) Excellent color and font characteristics	(7) RoHs Compliant Part
(4) Colors: White, blue, red, yellow and green	

Absolute Maximum Rating (Ta = 25°C)

PARAMETER	RED	AMBER	GREEN	BLUE	WHITE	UNITS
DC Forward Current Per Segment	30	30	25	30	20	mA
Peak Current Per Segment ⁽¹⁾	70	50	50	25	25	mA
Avg. Forward Current (Pulse Operation) Per Segment	30	30	25	25	25	mA
Derating Linear From 25°C Per Segment	0.3					mA/°C
Reverse Voltage ⁽²⁾	3					V
Operating Temperature	-25 to +85					°C
Storage Temperature	-30 to +85					°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 = 25°C)

PART NUMBER	DICE MATERIAL (COLOR)	PEAK WAVELENGTH (nm)	MAX. REVERSE CURRENT / SEGMENT (uA)	VF (V) TYP	VF (V) MAX.	LUMINOUS INTENSITY / SEGMENT AVERAGE (IF = 10mA)
LEDT3632TUR1C	InGaAIP Red	630	10	1.8	2.3	40,000 ucd
LEDT3632TB1C	InGaN Blue	468	10	3.3	4.0	35,000 ucd
LEDT3632YG1C	GaP Green	568	10	1.9	2.3	12,000 ucd
LEDT3632UY1C	AllnGaP Amber	590	10	1.8	2.3	30,000 ucd
LEDT3632TW1CG	InGaN White	5,500K	10	3.3	4.0	35,000 ucd

DEVICE DIAGRAM

First Digit Segment				Second Digit Segment			
PIN		PIN		PIN		PIN	
1	Anode E1	6	NC	1	Anode E2	6	NC
2	Anode D1	7	Anode B1	2	Anode D2	7	Anode B2
3	Anode DP1	10	Anode F1	3	Anode DP2	10	Anode F2
4	Anode C1	11	Anode A1	4	Anode C2	11	Anode A2
5	Anode G1			5	Anode G2		
Third Digit Segment							
PIN		PIN		PIN		PIN	
1	Anode E3	6	NC	8	Common Cathode 8		
2	Anode D3	7	Anode B3	9	Common Cathode 9		
3	Anode DP3	10	Anode F3	12	Common Cathode 10		
4	Anode C3	11	Anode A3				
5	Anode G3						

