### 0.36"(9.20mm)Dual Digit 7 Segment Display

#### Features:

### Available option:

- \*Ultra segment intensity
- \*Wide viewing angle
- \*Range of colors
- \*Black face White segment
- \*RoHS compliant

- \*Alternative face and segment color
- \*Alternative font
- \*Cropped terminal pins
- \*Available emitting color
- \*Low current version

Electro/Optical Characteristics If=20mA Ta=25°C

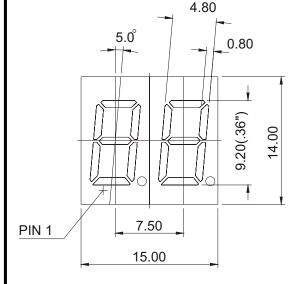
Part Number	Part Number	Emitting Color	Peak	Forward V	oltage V <sub>F</sub> /Seg.	Luminous Intensity Iv/seg.		
Common Cathode	Common Anode	Ellitting Color	Wavelength	Typ.	Max.	Min.	Typ.	
LD-D036UR-CC	LD-D036UR-C	GaAlAs/GaAs DDH Ultra Red	660	1.90	2.50	30.00	50.00	
LD-D036UO-CC	LD-D036UO-C	AlGaInP/GaAs Ultra Orange	632	2.00	2.50	40.00	60.00	
LD-D036UA-CC	LD-D036UA-C	AlGaInP/GaAs Ultra Amber	605	2.00	2.50	40.00	60.00	
LD-D036UY-CC	LD-D036UY-C	AlGaInP/GaAs Ultra Yellow	590	2.00	2.50	40.00	60.00	
LD-D036UG-CC	LD-D036UG-C	AlGaInP/GaAs Ultra Green	574	2.10	2.50	25.00	40.00	
LD-D036UPG-CC	LD-D036UPG-C	InGaN/SiC Pure Green	525	3.50	4.00	50.00	80.00	
LD-D036UB-CC	LD-D036UB-C	InGaN/SiC Ultra Blue	470	3.50	4.00	40.00	60.00	
LD-D036UW-CC	LD-D036UW-C	InGaN/SiC Ultra White	X-0.31/Y-0.31	3.50	4.00	40.00	60.00	
Units			nm	V		mcd		

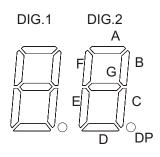
# Maximum Ratings Ta=25°C (Derate above 25°C)

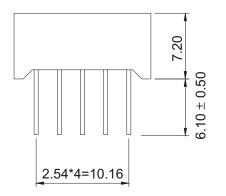
Characteristic	Test Condition	Symbol	UR	UE	YO	UY	UG	PG	UB	UW	Units
Pulse Forward Current Per Seg.	1/10 duty cycle 0.1ms Pulse width	I FP	100	100	100	100	100	100	100	100	mA
DC Forward Current Per Seg.		IF	25	30	30	30	30	30	30	30	mA
Reverse Current Per Seg.	$V_R=5V$	IR	10	10	10	10	10	10	10	10	μА
Power Dissipation		PD	60*16	65*16	65*16	65*16	75*16	110*16	120*16	120*16	mW
Operating Temperature		Topr	-40 to +80								$^{\circ}$
Storage Temperature		Ttsg	-40 to +85							$^{\circ}$	
Lead soldering temperature	1.60mm from body maximum 3 seconds	3	260							$^{\circ}\mathbb{C}$	

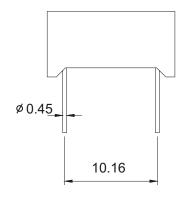
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#### PACKAGE DIMENSION



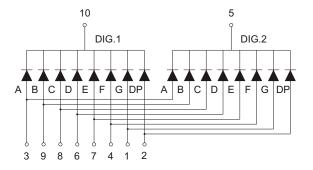




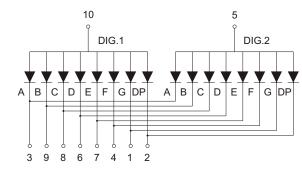


#### INTERNAL CIRCUIT DIAGRAM

# Common Cathode LD-D036XX-CC



# Common Anode LD-D036XX-C



Tolerance  $\pm 0.25$ mm unless stated