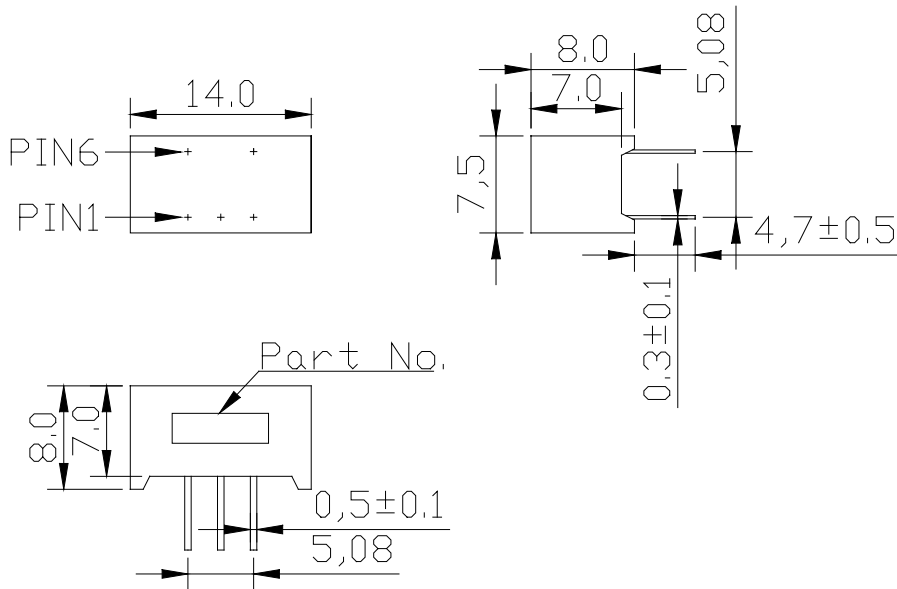
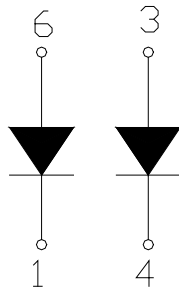


■ **Outer Dimension:**



Note: Unless otherwise stated, The unit is mm, tolerance is ±0.25 mm.

■ **Circuit Diagram:**



■ **Pin Connection:**

PIN NO.	CONNECTION	PIN NO.	CONNECTION
1	Cathode	4	Cathode
2	NC	5	NP
3	Anode	6	Anode



**World Components Network Service Ltd**

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# **WCNLB1475-SR22**

## **SPECIFICATION**

<b>WCN</b>			<b>CUSTOMER</b>
<b>NOTE:</b>			

**REV.01**  
**2004/02/04**



## World Components Network Service Ltd

메모 [pd1]:

### ■ Features:

- High Reliability
- Color: Red
- Low Power Requirement
- Easy Assembly

### ■ Description:

- One Window Bar Display
- Bar Height 6.50mm And Width 12.5mm
- Encapsulation With Red die

### ■ Absolute Maximum Rating (Ta=25°C):

Parameter	Symbol	Condition	Color	Rating	Units
Power Dissipation Per Bar	$P_d$	—	Red	50	mW
Forward Current Per Bar	$I_F$	—	Red	25	mA
Derating Of If Per Bar	$\Delta I_F$	$T_a \geq 25^\circ\text{C}$	Red	0.30	mA/°C
Peak Forward Current Per Bar	$I_{FP}$	1/10 Duty 10KHz	Red	100	mA
Reverse Voltage Per Bar	$V_R$	—	Red	5	V
Operating Temperature Range	$T_{opr}$	—	—	-35~+85	°C
Storage Temperature Range	$T_{stg}$	—	—	-35~+85	°C

### ■ Electrical/Optical Characteristics Rating (Ta=25°C)

Item	Symbol	Test conditions	Location	Color	Rating			Units
					Min.	Typ.	Max.	
Forward Voltage	$V_F$	$I_F=20\text{mA}$	Per Bar	Red	—	1.80	2.00	V
Reverse Current	$I_R$	$V_R=5\text{V}$	Per Bar	Red	—	—	100	$\mu\text{A}$
Luminous Intensity	$I_V$	$I_F=10\text{mA}$	Per Bar	Red	3.00	6.0	—	mcd
Wave Length	$\lambda_P$	$I_F=20\text{mA}$	Per Bar	Red	—	660	—	nm
	$\lambda_D$					643		
Spectral Line Half Width	$\Delta\lambda$	$I_F=20\text{mA}$	Per Bar	Red	—	20	—	nm
Luminous Intensity Matching Ratio	$I_{v-m}$	$I_F=10\text{mA}$					2:1	

### ■ Soldering Conditions: Soldering Temp. $\leq +260^\circ\text{C}$

Soldering Time.  $\leq 3\text{sec.}$

(at 2mm Distance from The Case of Reflector Edge)