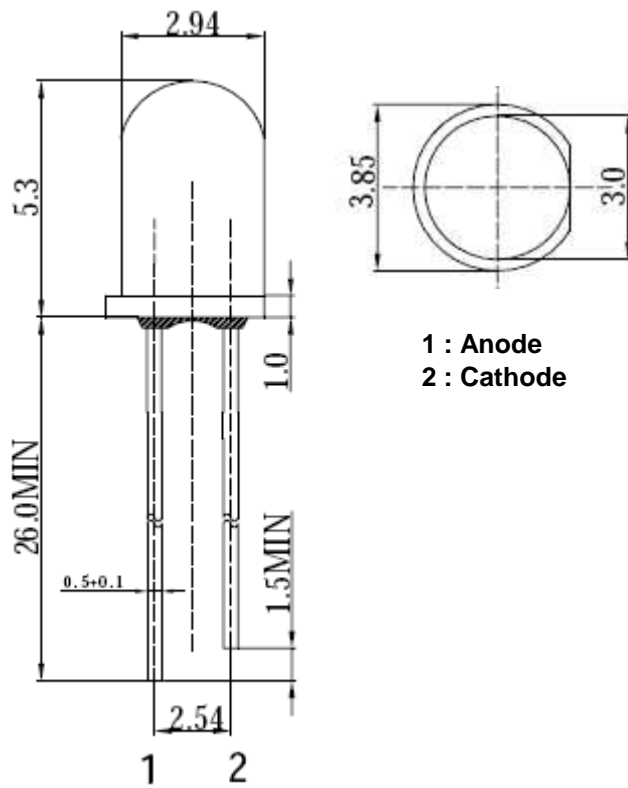




Applications

- Electronic Signs and Signals
- Small Area Illuminations
- Back Lighting
- Other Lighting

Technical Drawing



Notes :

All dimensions in mm tolerance is ± 0.1 mm unless otherwise noted.

Blinking Round LED Red	
Part No.:	M13J3010
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Absolute Maximum Ratings

Ta=25°C

Item	Symbol	---	Unit
Power Dissipation	P _D	---	mW
DC Forward Current	I _F	---	mA
Pulsed Forward Current	I _{FP} *	---	mA
Reverse Voltage	V _R	5	V
Operating Temperature	T _{OP}	-30 to 85	°C
Storage Temperature	T _{ST}	-40 to 100	°C

* 0.1 msec pulse, 10% duty cycle

Electrical / Optical Characteristics

I_F=20mA Ta=25°C

Ermitting Color	Red		
Material	---		
Forward Voltage	typ.	3.3	V _F
	max.	5.0	V _F
Wavelength typ.	λ _D	620	nm
	λ _P	625	nm
	Δλ	---	nm
Oscillator Frequency	F _{led}	1.8	Hz
Duty Cycle	Duty	1/2	---
Luminous Intensity *	min.	1560	mcd
	typ.	2000	mcd
Reverse Current	max.	---	μA
Viewing Angle	2θ _{1/2}	30	

* Per NIST standards

Blinking Round LED
Red

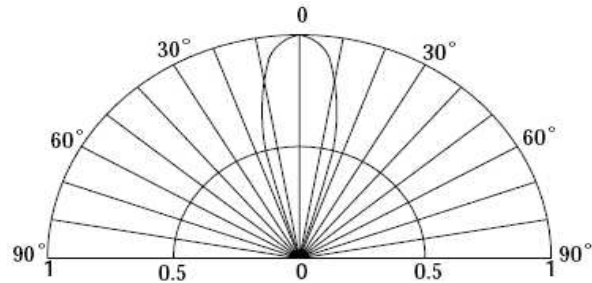
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Directive Characteristics



**Blinking Round LED
Red**

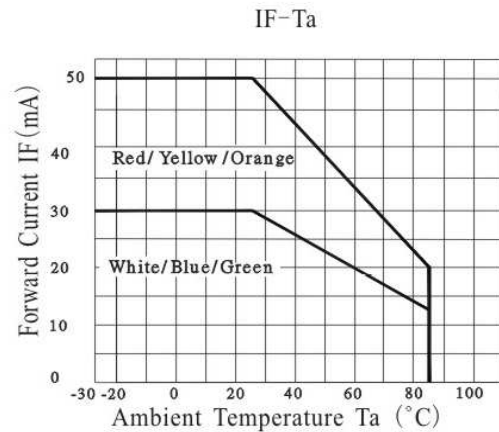
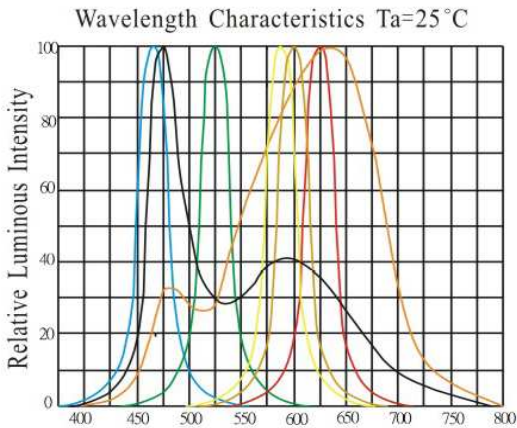
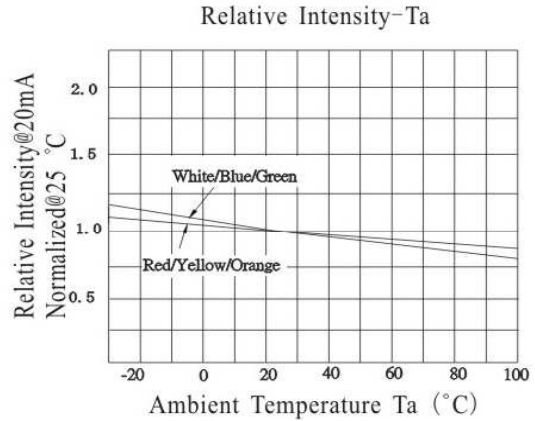
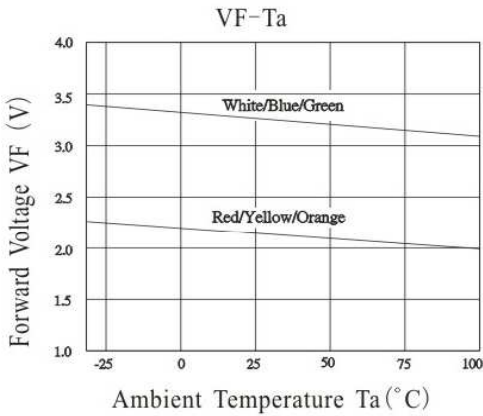
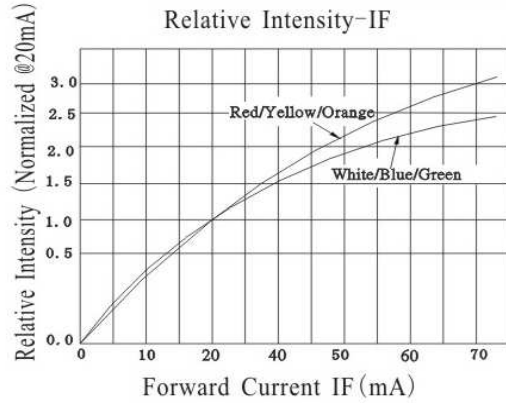
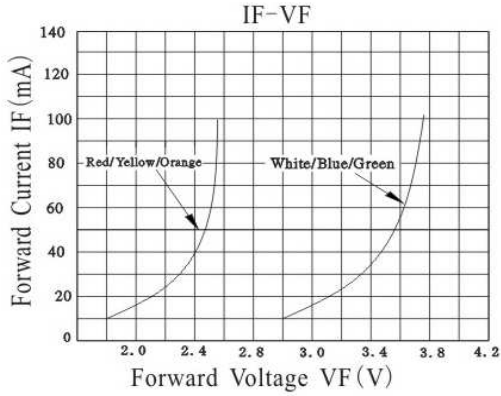
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Typical Characteristics



**Blinking Round LED
 Red**

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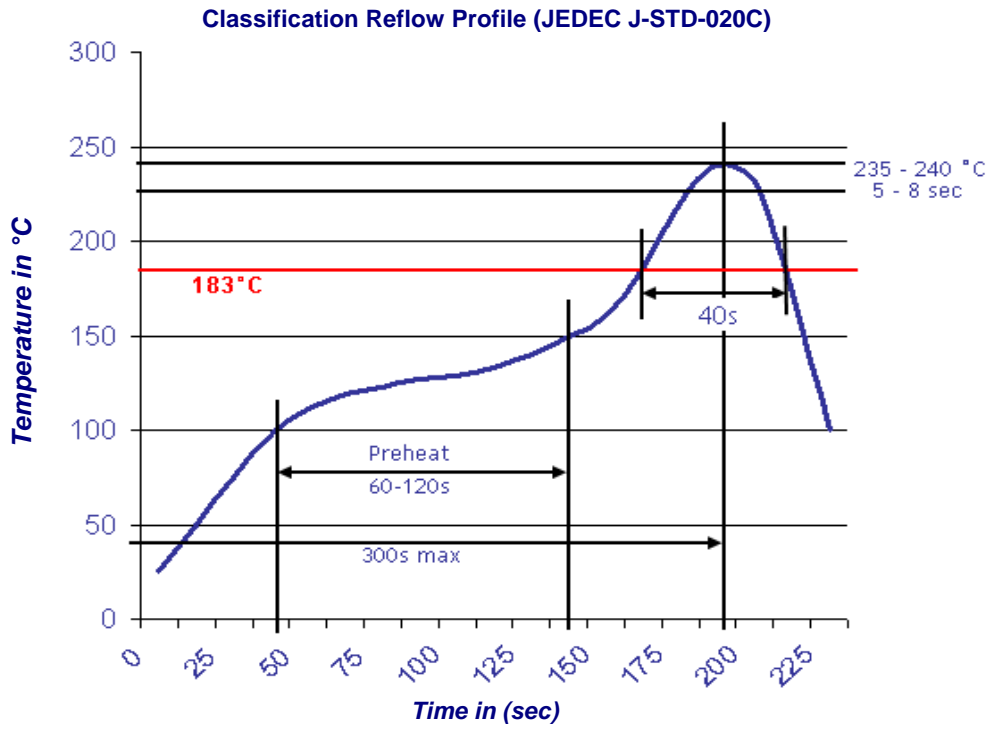
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Solder Condition

Lead Free Solder

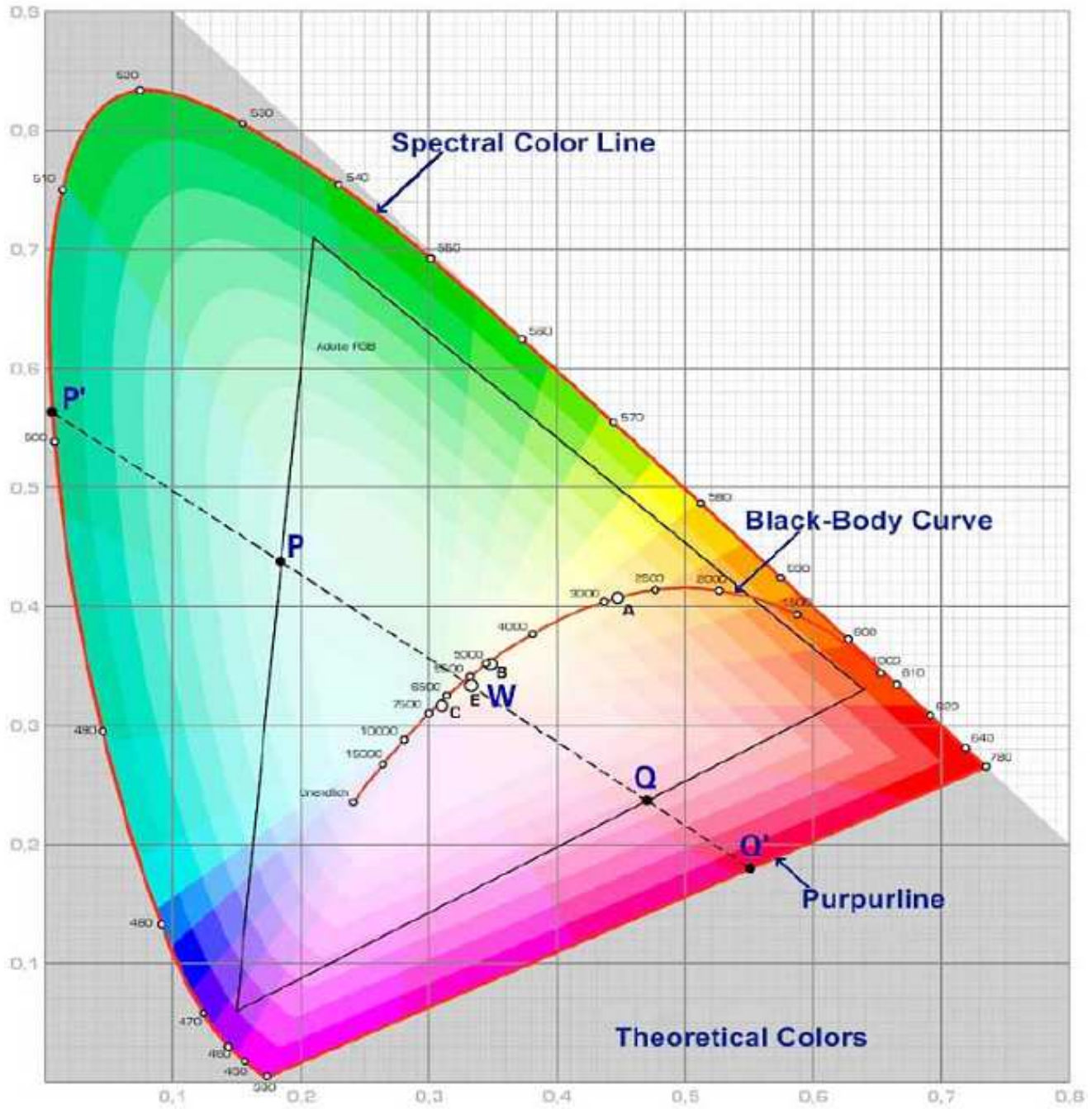


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Color table curve



Blinking Round LED Red	
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