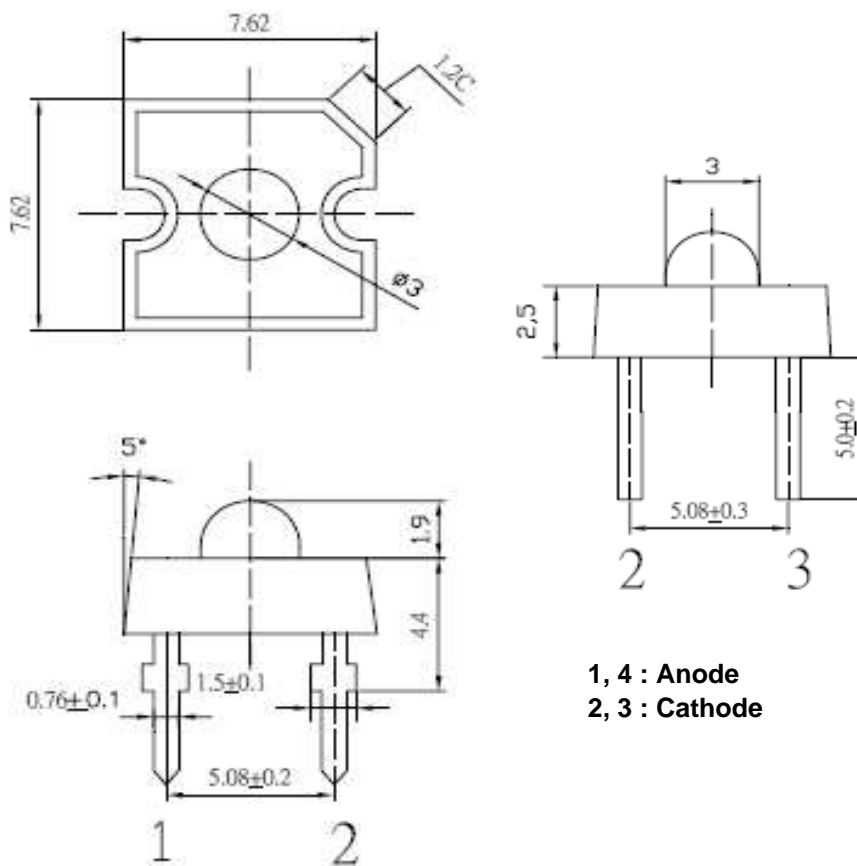




Applications

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

Technical Drawing



1, 4 : Anode
 2, 3 : Cathode

Notes :

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

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Absolute Maximum Ratings

Item	Symbol	---	Unit
Power Dissipation	P _D	130	mW
DC Forward Current	I _F	50	mA
Pulsed Forward Current	I _{FP} *	120	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

Electrcal / Optical Characteristics

Ermitting Color	Orange		
Material	---		
Forward Voltage	typ.	2.1	V _F
	max.	2.6	V _F
Wavelength typ.	λ _D	600 ~ 605	nm
	λ _P	---	nm
	Δλ	---	nm
Color Temperature	min.	---	K
	max.	---	K
Luminous Intensity *	min.	22000	mcd
	typ.	25000	mcd
Reverse Current	max.	---	μA
Viewing Angle	2Θ1/2	15	

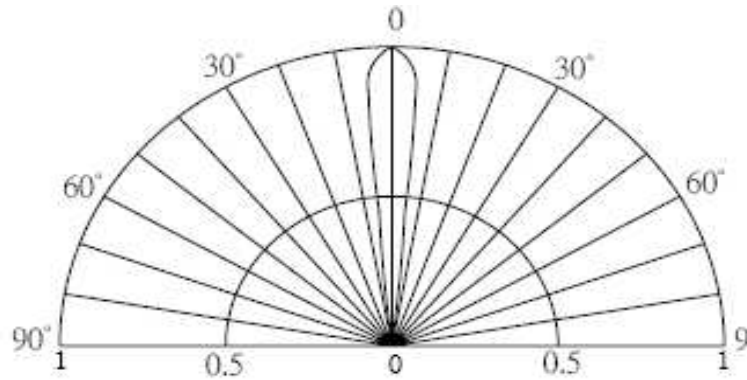
* Per NIST standards

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Directive Characteristics



**Super Flux
Orange**

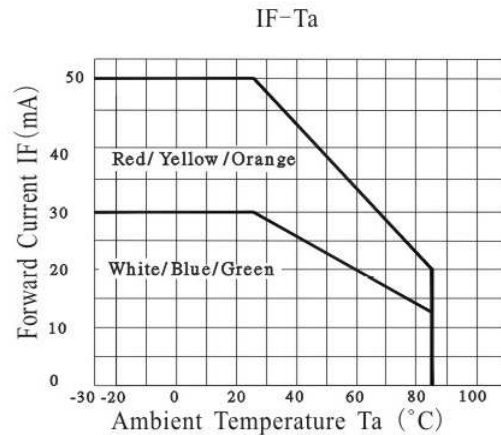
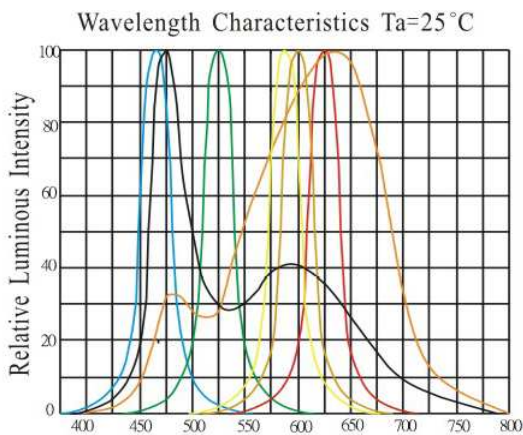
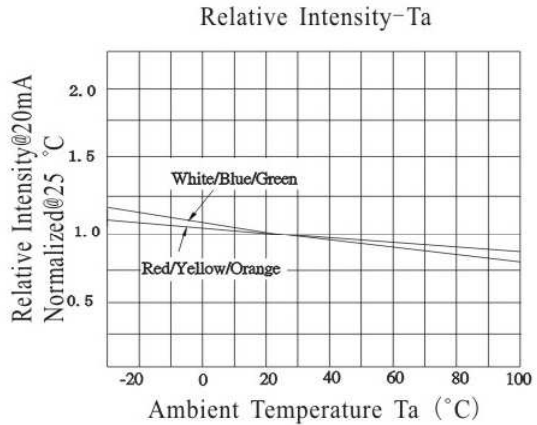
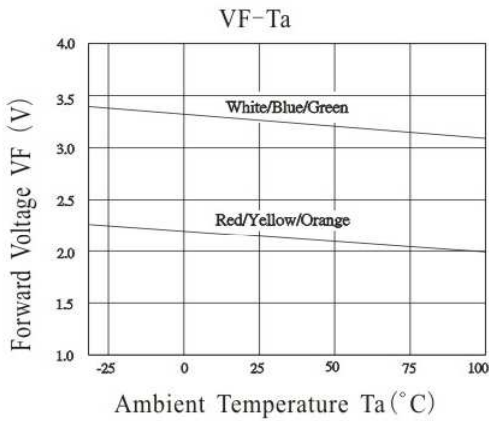
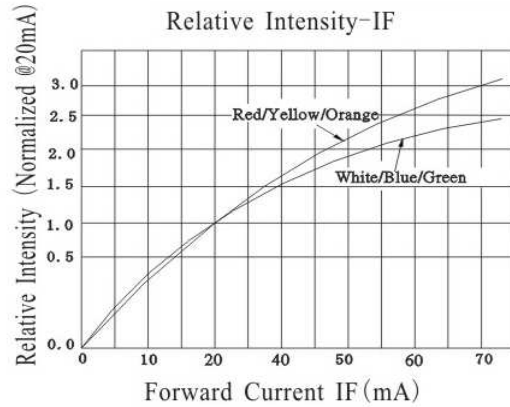
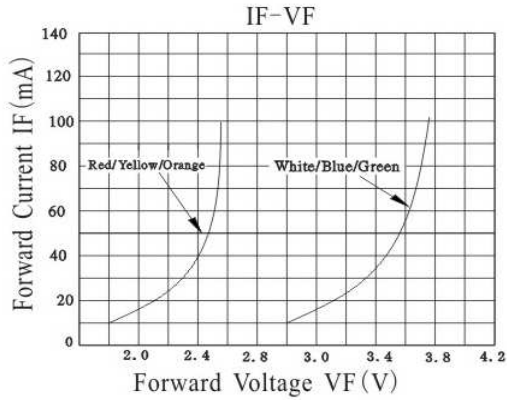
Part No.: **M13G1016**

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Typical Characteristics



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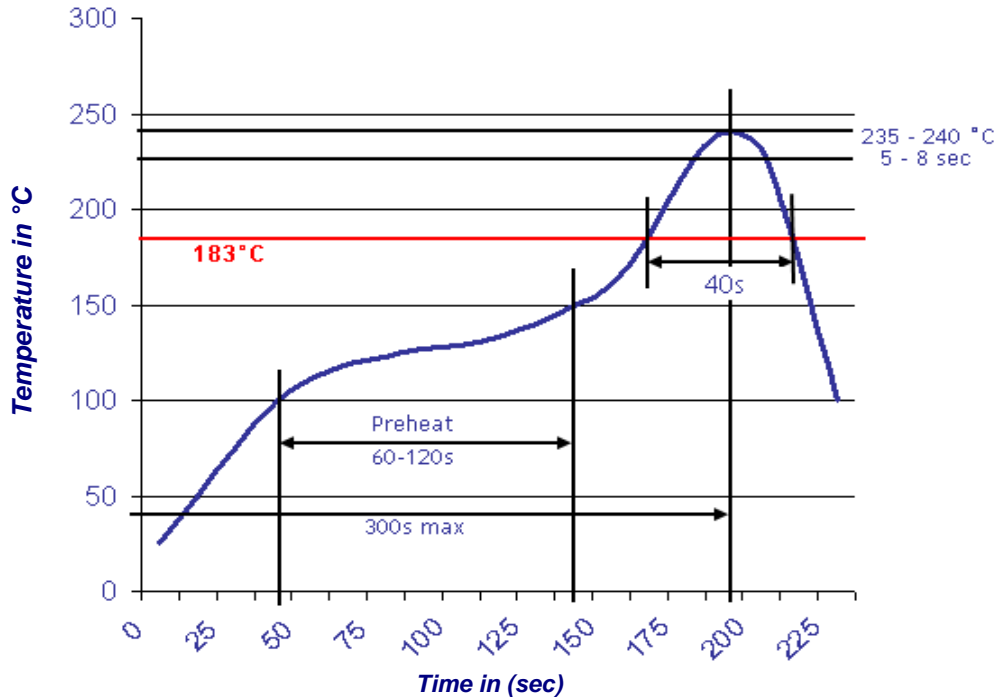
DRW:	Dong	CHKD	Chang	MATL:	Chui	DATE	18.11.2010
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Solder Condition

Lead Free Solder

Classification Reflow Profile (JEDEC J-STD-020C)

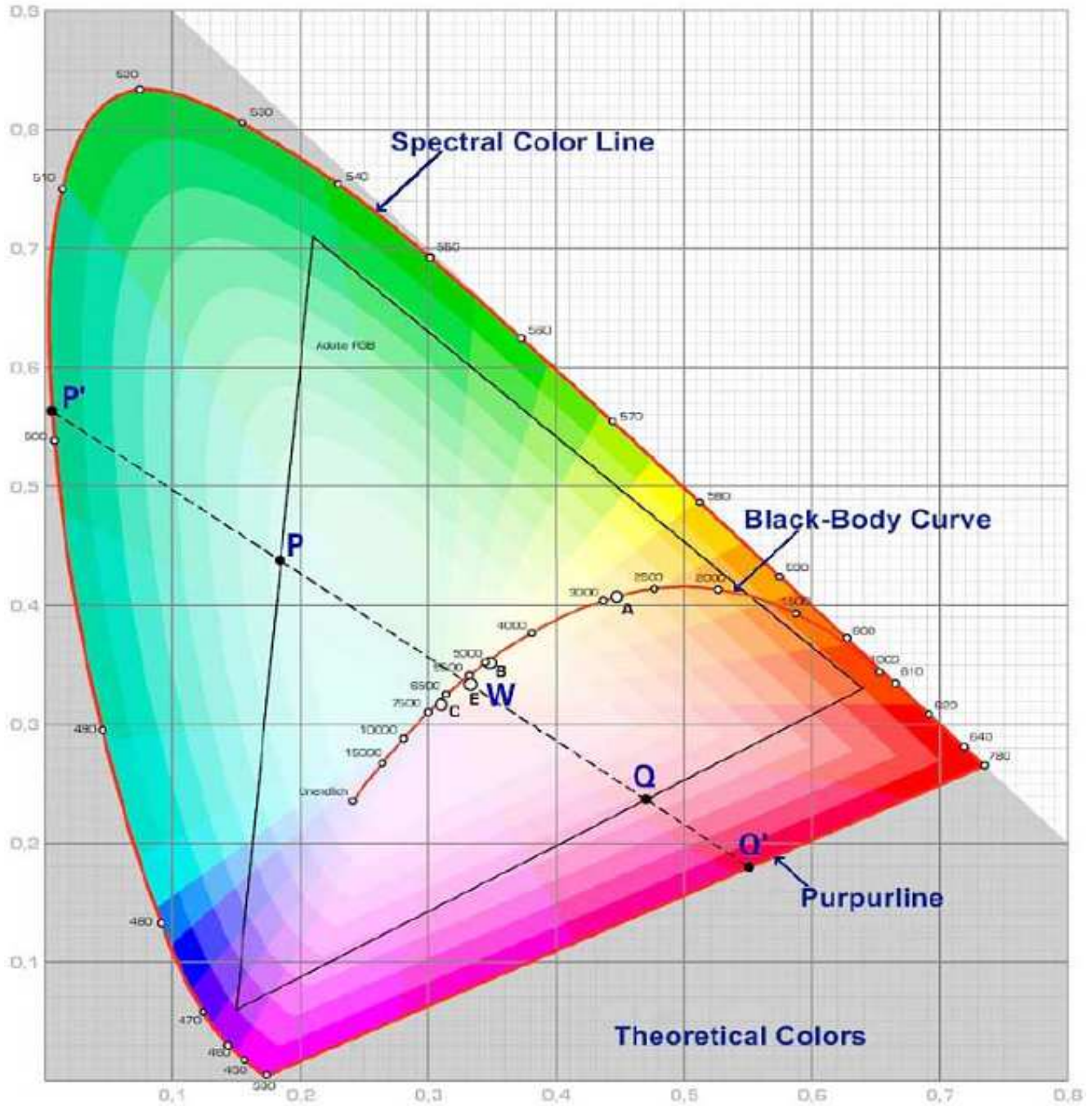


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Color table curve



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