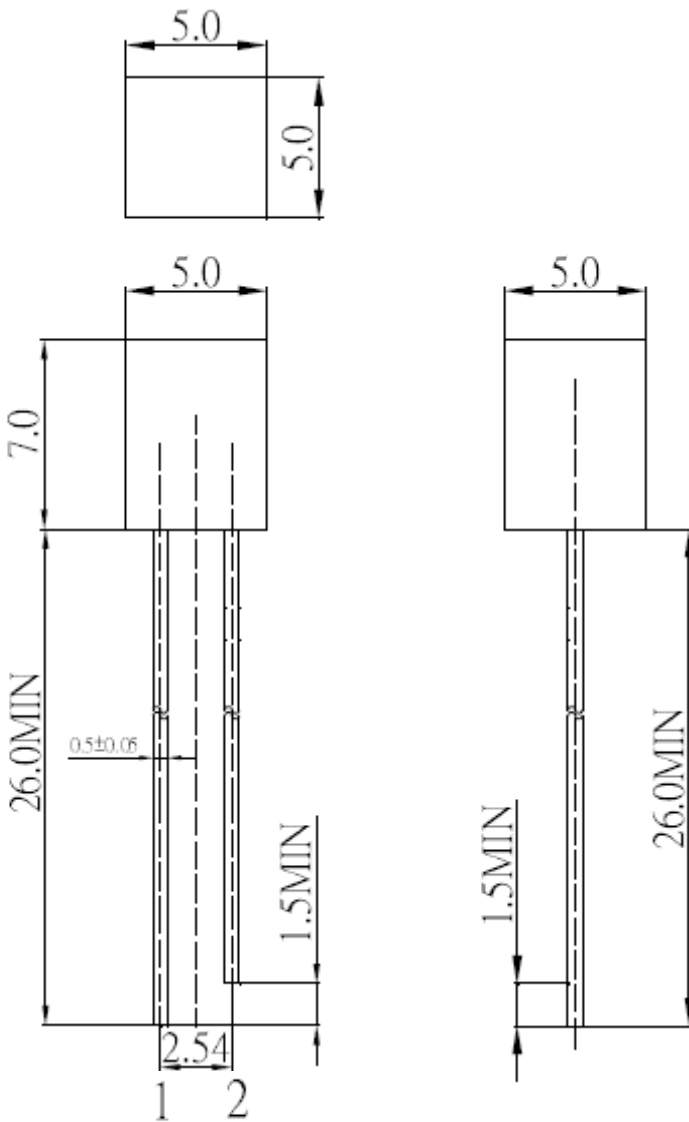




Applications

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

Technical Drawing



1. Anode
 2. Cathode
 Unit: mm
 Tolerance: ±0.30mm

Notes :

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

Square LED Green	
Part No.:	M13D4005
Customer:	

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Absolute Maximum Ratings

Ta=25°C

Item	Symbol	GaP	Unit
Power Dissipation	P _D	78	mW
DC Forward Current	I _F	10	μA
Pulse Forward Current	I _{FP} *	100	mA
Reverse Voltage	V _R	5	V
Operating Temperature	T _{OP}	-30 to +85	°C
Storage Temperature	T _{ST}	-55 to +100	°C

* 0.1 msec pulse, 10% duty cycle

Electrcal / Optical Characteristics

I_F=20mA Ta=25°C

Ermittig Color	Green		
Material	GaP		
Forward Voltage	typ.	2.1 (1,8~2,6)	V _F
	max.	2.6	V _F
Wavelength typ.	min.	565	nm
	typ.	570	nm
	max.	575	nm
Color Temperature	min.	---	K
	max.	---	K
Luminous Intensity *	min.	10	mcd
	max.	20	mcd
Reverse Current	max.	10	μA
Viewing Angle	2Θ1/2	140	

* Per NIST standards

**Square LED
Green**

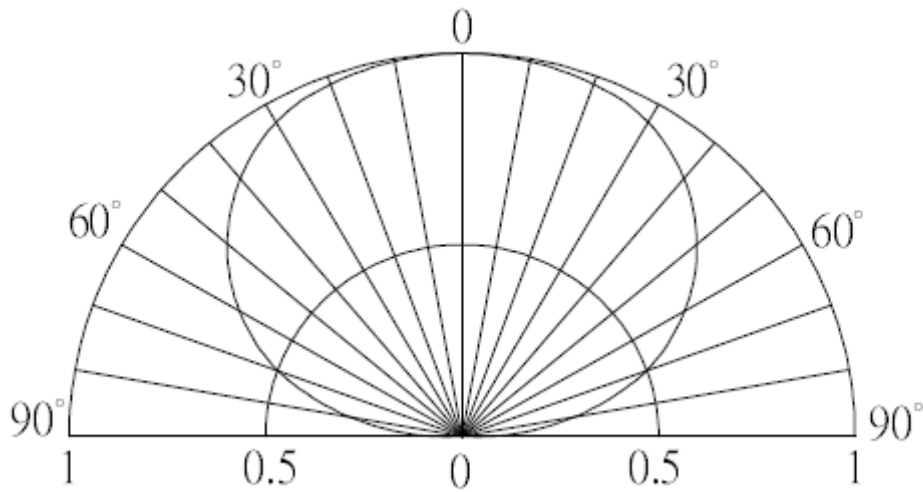
Part No.: **M13D4005**

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Directive Characteristics



**Square LED
Green**

Part No.: **M13D4005**

Customer:

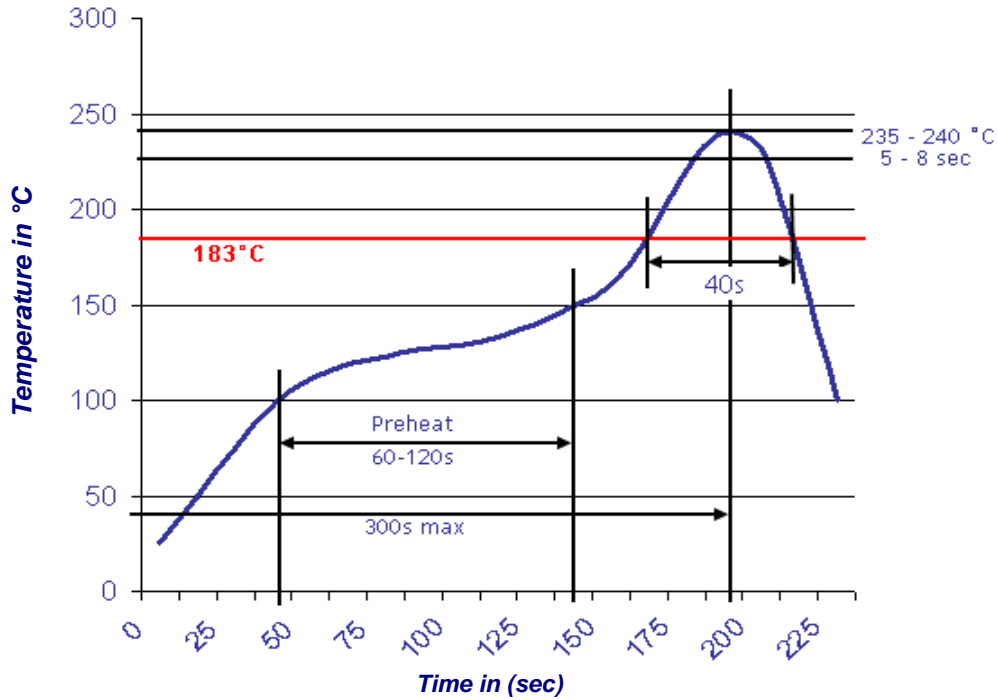
DRW:	Dong	CHKD	Chang	MATL:	Chui	DATE	21.09.2012
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Solder Condition

Lead Free Solder

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

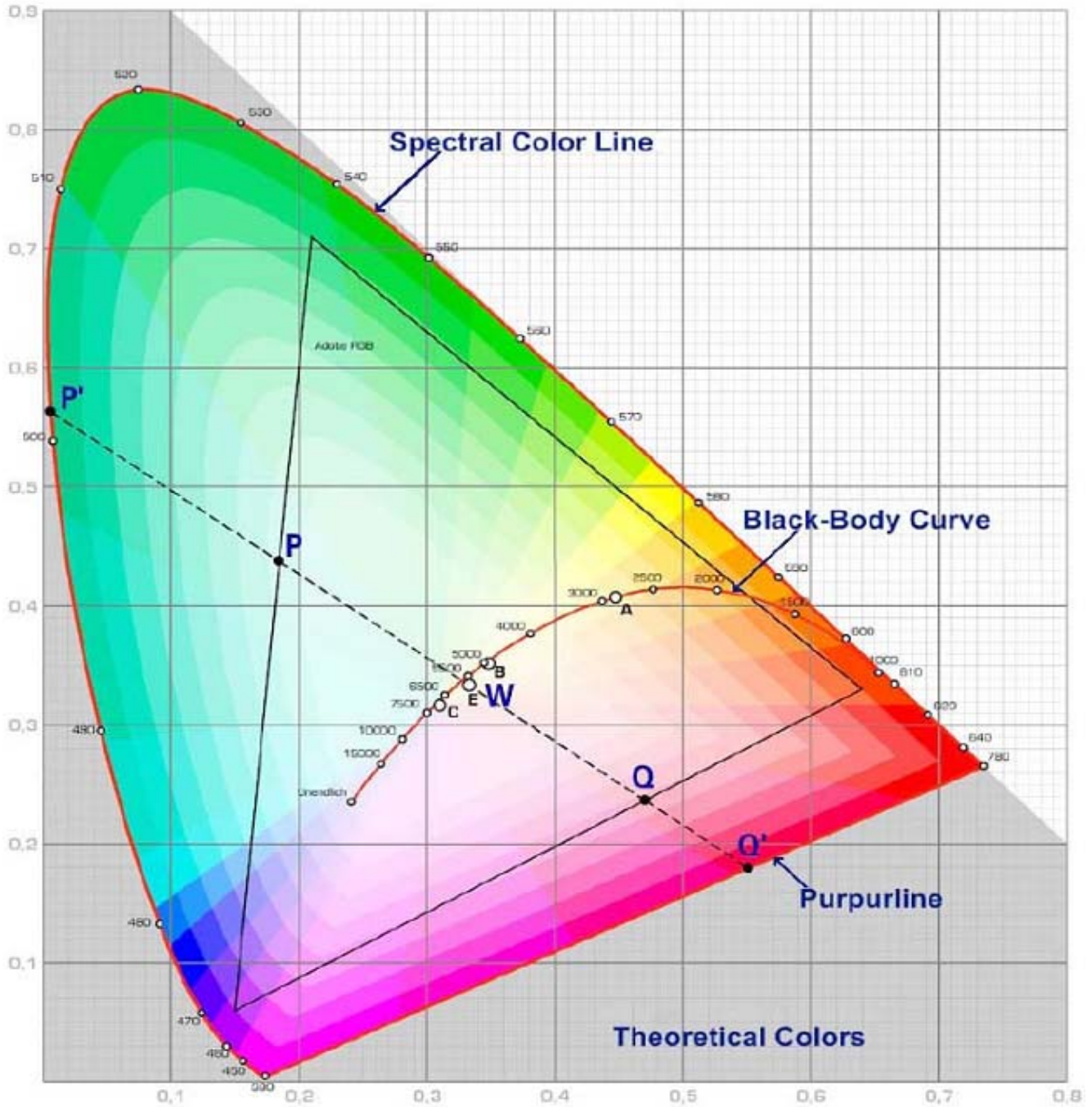


Square LED Green	
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Color table curve



Square LED Green	
Part No.:	M13D4005
Customer:	

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