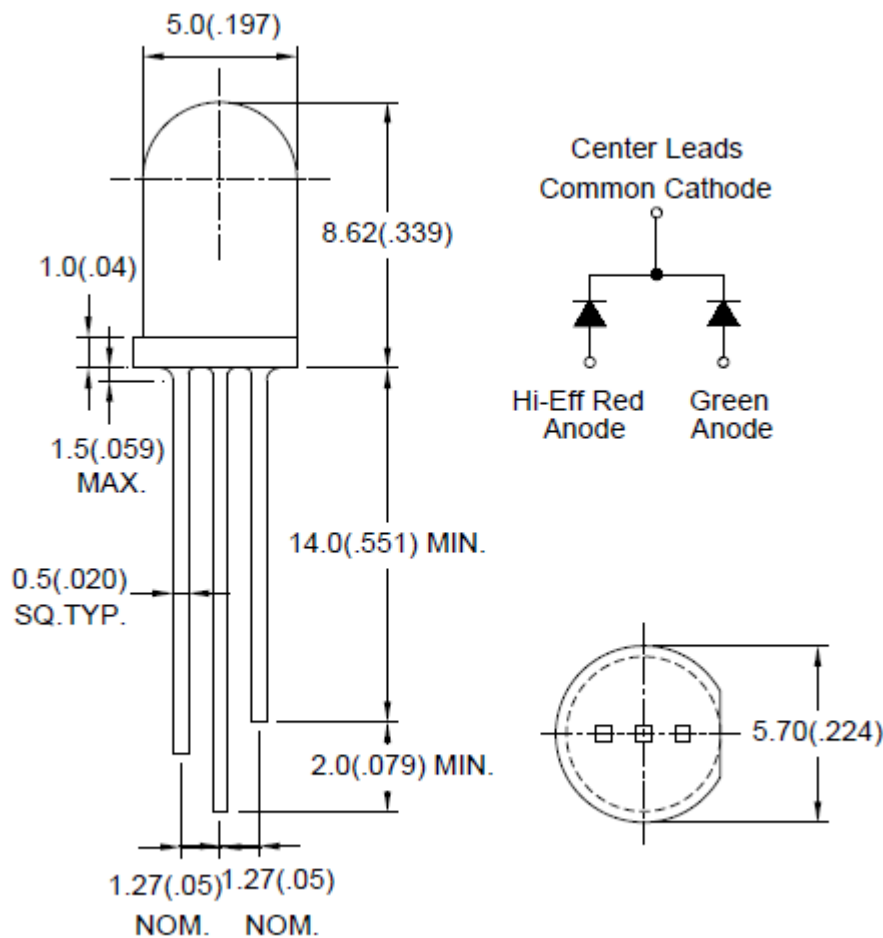




**Applications**

- Interior automotive lighting
- Optical indicators
- Communication Products
- Backlighting
- Toys

**Technical Drawing**



**Recommended Soldering Pattern**

**Notes :**

All dimensions in mm tolerance is  
 $\pm 0.1\text{mm}$  unless otherwise noted.

**THT 5mm DUO-LED P1,27mm**  
**Hi-Eff-Red                      Yellow Green**

New / Old Part No.: **M13K6001**

Customer:

DRW:	Dong	CHKD	Chang	MATL:	Chui	DATE	17.01.2014
APPD:	Ping			FINISH	Hui	Sheet	1 from 7



**Absolute Maximum Ratings**

Ta=25°C

Item	Symbol	AlGalnp	GaP	Unit
Power Dissipation	P <sub>D</sub>	60	75	mW
DC Forward Current	I <sub>F</sub>	100	100	mA
Pulsed Forward Current	I <sub>FP</sub> *	25	25	mA
Reverse Voltage	V <sub>R</sub>	5		V
Operating Temperature	T <sub>OP</sub>	-40 to +85°C		°C
Storage Temperature	T <sub>ST</sub>	-40 to +100°C		°C

\* 0.1 msec pulse, 10% duty cycle

**Electrical / Optical Characteristics**

I<sub>F</sub>=5mA Ta=25°C

Emitting Color Material	Hi-Eff-Red		Yellow Green	
		AlGalnp		GaP
Forward Voltage	typ.	1,8	1,8	V <sub>F</sub>
	max.	2,8	2,8	V <sub>F</sub>
Wavelength typ.	λ <sub>D</sub>	---	---	nm
	λ <sub>P</sub>	632	572	nm
	Δλ	---	---	nm
Color Temperature	min.	---	---	K
	max.	---	---	K
Luminous Intensity *	min.	200	100	mcd
	typ.	300	200	mcd
Reverse Current	max.	10	10	μA
Viewing Angle	2Θ1/2	60		

\* Per NIST standards

**THT 5mm DUO-LED P1,27mm**  
**Hi-Eff-Red                      Yellow Green**

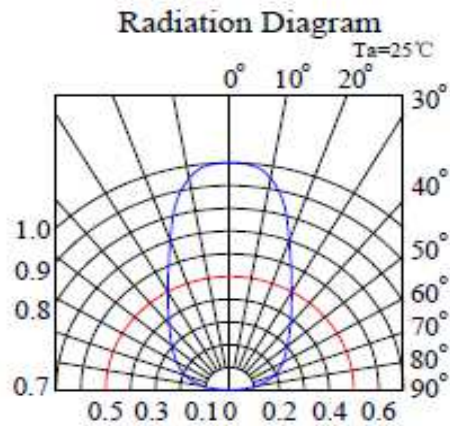
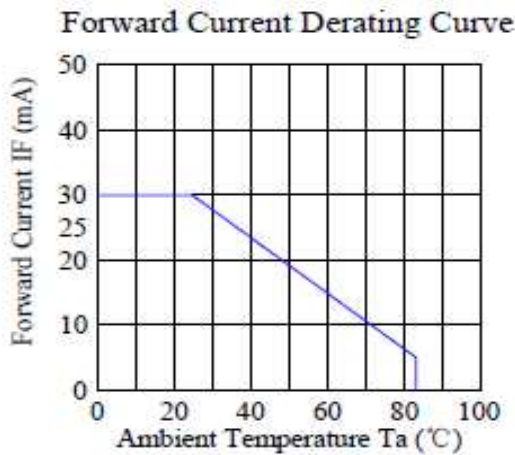
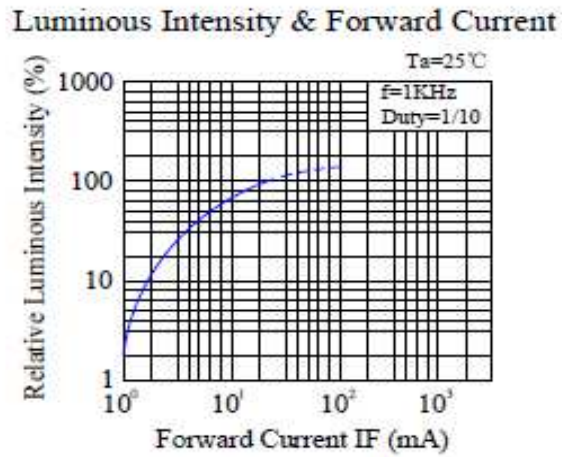
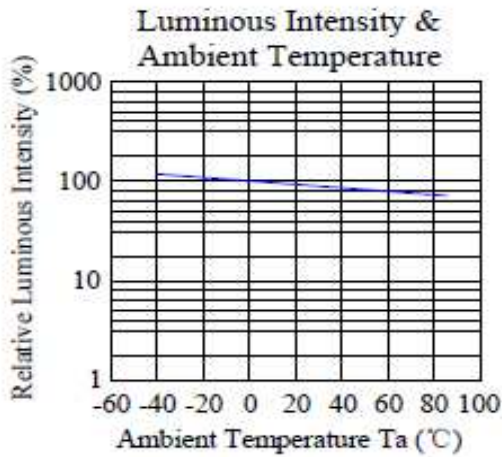
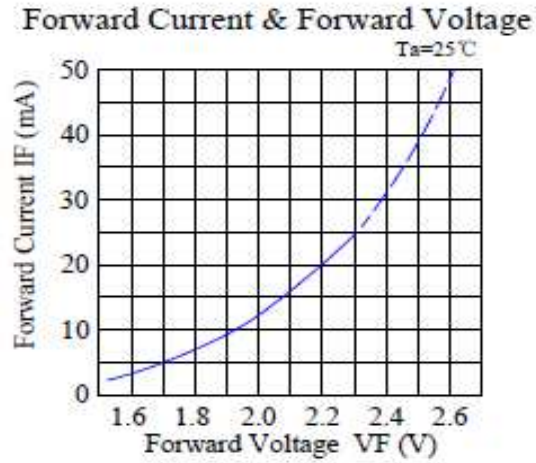
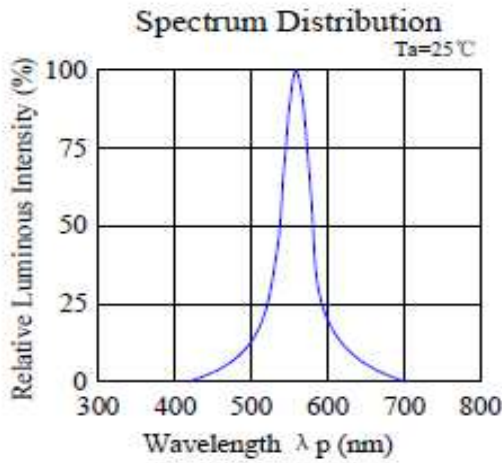
New / Old Part No.: **M13K6001**

Customer:

DRW:	Dong	CHKD	Chang	MATL:	Chui	DATE	17.01.2014
APPD:	Ping			FINISH	Hui	Sheet	2 from 7



**Curve Yellow Green**

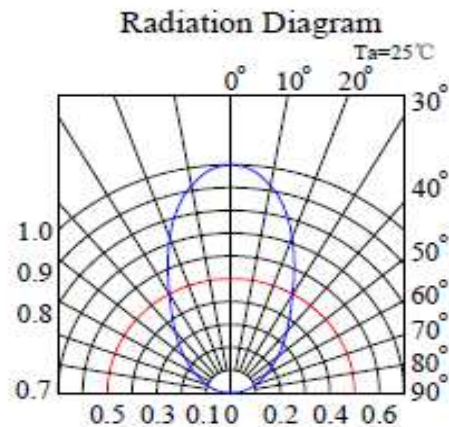
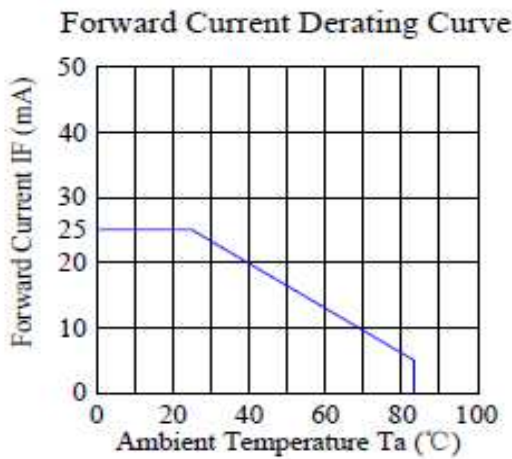
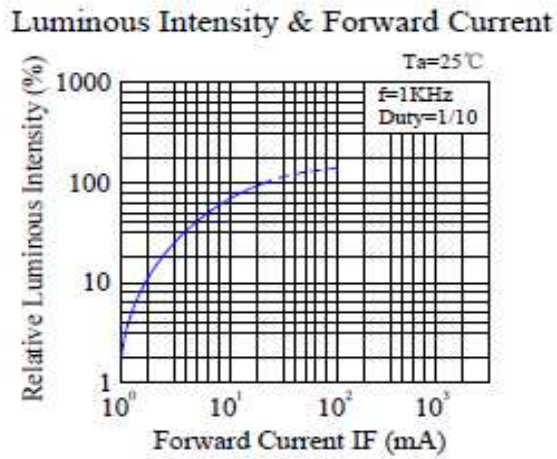
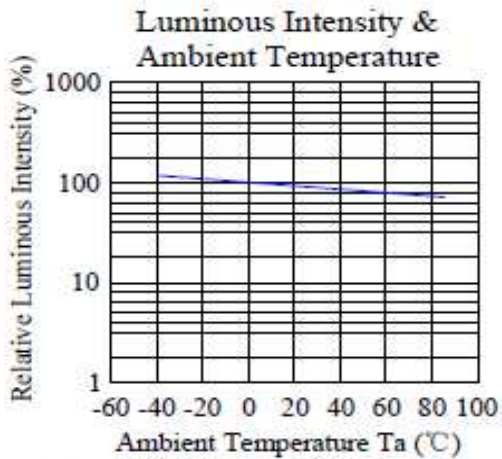
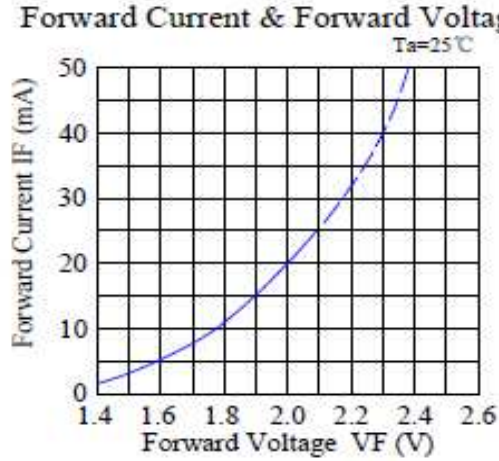
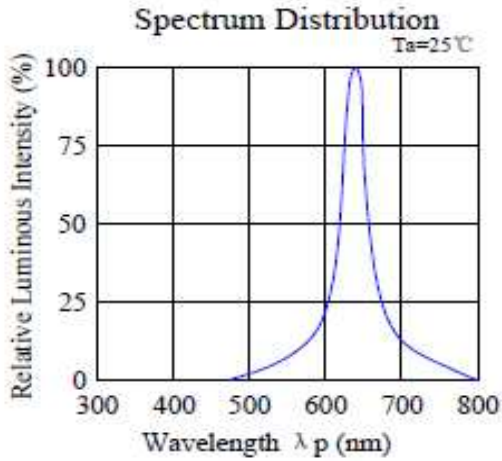


<b>THT 5mm DUO-LED P1,27mm</b>	
<b>Hi-Eff-Red</b>	<b>Yellow Green</b>
New / Old Part No.:	<b>M13K6001</b>
Customer:	

DRW:	Dong	CHKD	Chang	MATL:	Chui	DATE	17.01.2014
APPD:	Ping			FINISH	Hui	Sheet	3 from 7



**Curve Hi-Eff-Red**



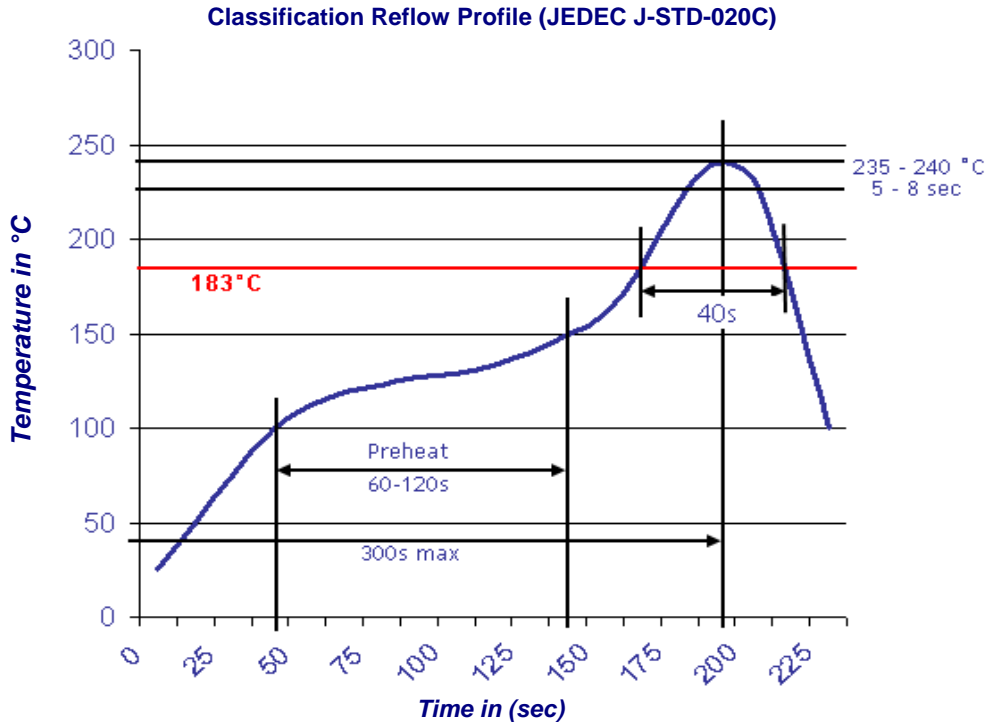
<b>THT 5mm DUO-LED P1,27mm</b>	
<b>Hi-Eff-Red</b>	<b>Yellow Green</b>
New / Old Part No.:	<b>M13K6001</b>
Customer:	

DRW:	Dong	CHKD	Chang	MATL:	Chui	DATE	17.01.2014
APPD:	Ping			FINISH	Hui	Sheet	4 from 7



**Solder Condition**

**Lead Free Solder**



<b>THT 5mm DUO-LED P1,27mm</b>	
<b>Hi-Eff-Red</b>	<b>Yellow Green</b>
New / Old Part No.:	<b>M13K6001</b>
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DRW:	Dong	CHKD	Chang	MATL:	Chui	DATE	17.01.2014
APPD:	Ping			FINISH	Hui	Sheet	5 from 7



**Packing Specifications**



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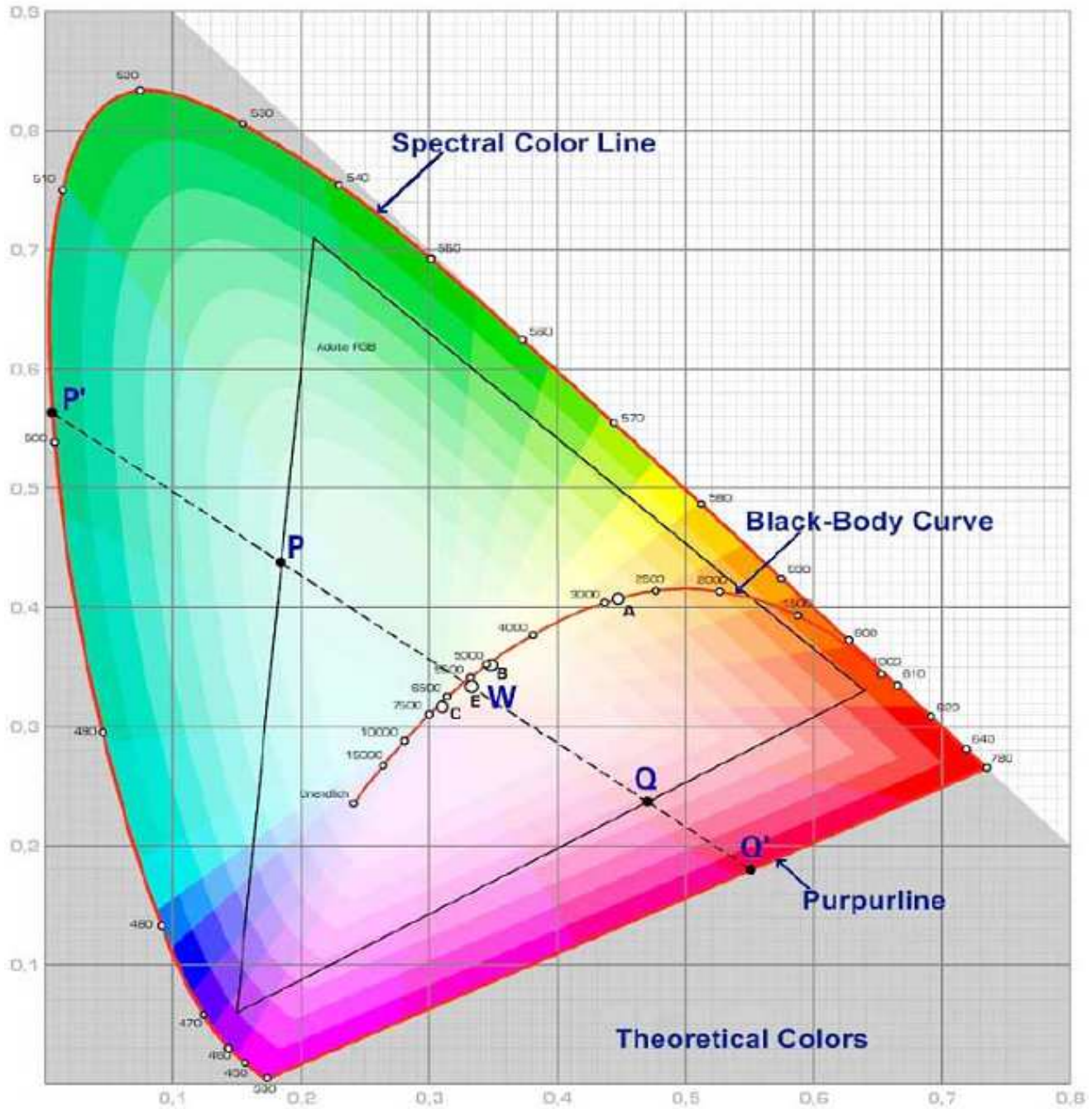
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<b>THT 5mm DUO-LED P1,27mm</b>	
<b>Hi-Eff-Red</b>	<b>Yellow Green</b>
New / Old Part No.:	<b>M13K6001</b>
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DRW:	Dong	CHKD	Chang	MATL:	Chui	DATE	17.01.2014
APPD:	Ping			FINISH	Hui	Sheet	6 from 7



**Color table curve**



<b>THT 5mm DUO-LED P1,27mm</b>	
<b>Hi-Eff-Red</b>	<b>Yellow Green</b>
New / Old Part No.:	<b>M13K6001</b>
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DRW:	Dong	CHKD	Chang	MATL:	Chui	DATE	17.01.2014
APPD:	Ping			FINISH	Hui	Sheet	7 from 7