

# 智明電子股份有限公司規格承認書

## CHIMING ELECTRONICS CORP SPECIFICATION FOR APPROVAL

地址:新竹市橫山鄉橫山村站前街 58 號 Add: #58 Station Street, Henghan Hsing, Hsinchu Hsien, Taiwan

Tel: 886-3-593-3482 OR 3-593-1851 Fax: 886-3-593-4537 OR 3-593-3238

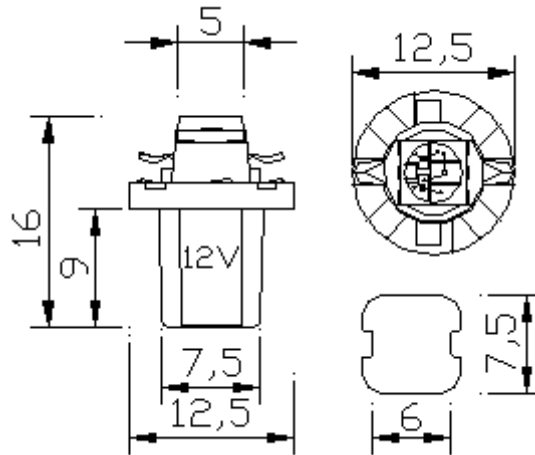
E-mail: att2278@ms71.hinet.net [Http://www.chi-ming.com](http://www.chi-ming.com)

### DESCRIPTION:

(A) Electronics and Optical Characteristics: Ta=25°C

PART NO	Emitting Color	Forward Voltage (DC)	Totality Luminous Intensity	Efficacy	Dominant Wavelength	Color Temperature	Single LED Intensity	Viewing Angle
母座 B8.5D-1HP3		Unit: V	Unit: LM Error margin: ±5%	Unit: LM/W	Unit: nm	Unit: K	Unit: mcd (0.3m)	Unit: deg
R	Super Red	14.20	5.583	21.90	628~640	1001	674	107.9
Y	Super Yellow	14.20	4.773	17.20	593~600	1516	589	109.2
G	Ultra Green	14.20	7.390	28.15	529~525	7603	967	107.6
B	Ultra Blue	14.20	2.789	10.63	474~470	>=100000	362	107.5
W	Super White	14.20	8.665	33.98	X:0.269Y:0.280	12008	1212	101.5
Test Condition		Power:0.255W		Current:18±10%mA				

Figure:



### (B) Absolute Maximum Ratings AT Ta=25°C

PARAMETER	MAX	UNIT
Continuous Forward Current		mA
Peak Forward Current (1/10 Duty Cycle 0.1ms Pulse Width)		mA
Reverse Voltage		V
Operating Temperature Range	-20°C to +50°C	
Storage Temperature Range	-40°C to +100°C	
Lead Solder Temperature 1.6mm Below Package 260°C For 5 seconds		

APPROVED & CHECKED BY: LiHuaping Tested By: LiHuaping Date: 2009/01/14