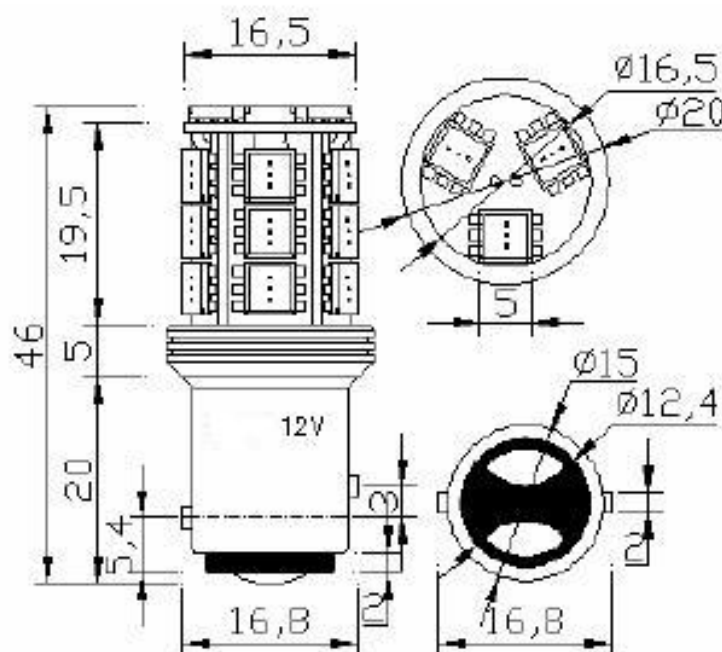


DESCRIPTION:

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

PART NO	Emitting Color	Forward Voltage (DC)	TotallityLuminous Intensity	Efficacy	Dominant Wavelength	Color Temperature	Single LED Intensity	Viewing Angle
		Unit: V	Unit: LM Error margin: $\pm 5\%$	Unit: LM/W	Unit: nm	Unit: K	Unit: mcd (0.5m)	Unit: deg
BA15D-18RD	Super Red	14.20	56.47/10.09	40.58/25.40	626~635	1001	2996	144.8
BA15D-18AM	Super Yellow	14.20	57.95/11.59	40.41/28.97	593~595	1512	3145	180.0
Test Condition		Power:1.4/0.4W		Current:100/28 $\pm 10\%$ mA				
BA15D-18GR	Ultra Green	14.20	87.73/21.61	47.67/42.28	530~525	7510	4759	180.0
BA15D-18BL	Ultra Blue	14.20	25.71/5.14	13.72/10.48	461~460	≥ 100000	1313	180.0
BA15D-18WH	Super White	14.20	120.61/22.22	57.39/44.71	X:0.299Y:0.318	7401	6982	158.0
Test Condition		Power:2/0.5W		Current:140/35 $\pm 10\%$ 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		