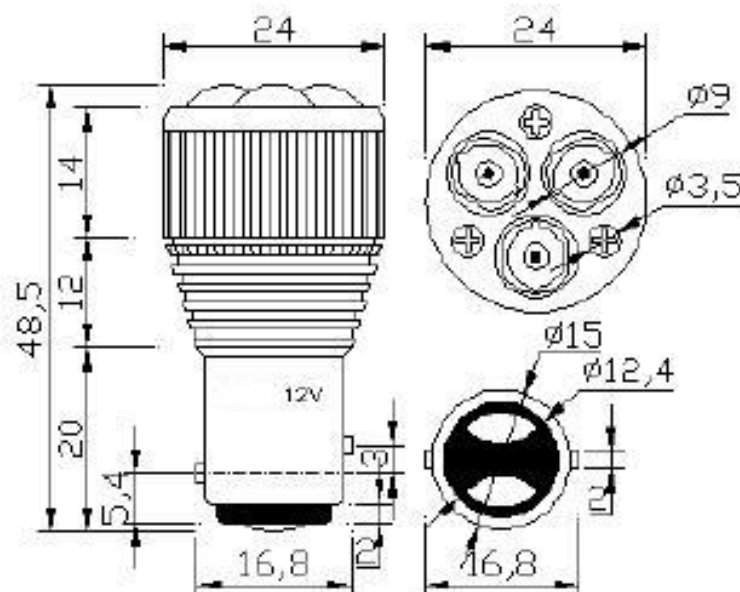


DESCRIPTION:

(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 (1m)	Unit:deg
BA15S-3RD-L	Super Red	14.20	60.58/11.83	33.07/22.53	621~630	1001	15330	88.0
BA15S-3YL-L	Super Yellow	14.20	53.48/10.85	26.34/20.66	592~595	1589	12210	86.6
Test Condition		Power:1.9/0.5W		Current:135/37 $\pm 10\%$ mA				
BA15S-3GR-L	Ultra Green	14.20	143.52/31.63	55.84/58.63	527~520	7793	39790	87.8
BA15S-3BL-L	Ultra Blue	14.20	30.97/6.206	12.54/12.49	472~470	≥ 100000	10860	71.7
BA15S-3WH-L	Super White	14.20	154.89/29.26	58.96/55.69	X:0.299Y:0.304	7703	41660	89.0
Test Condition		Power:2.5/0.5W		Current:180/37 $\pm 10\%$ 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		