



Blinking LED Lamps BB-B Series

Round Types

FEATURES

- Standard T1 3 ϕ
- 1/4 Duty Cycle
- Pulse Rate : 2.4Hz (VDD=5V)
- Operating Voltage : 3V~10V (DC)
- Easily be driven by TTL & C-MOS circuit no external circuit needed

ABSOLUTE MAXIMUM RATINGS

- Operating Temperature Range -20°C~80°C
- Storage Temperature Range -20°C~85°C
- Operating Voltage(Max) 10 Volt
- Reverse Voltage(Max) -5 Volt

Package	Part No.	Chip			Lens Appearance	Pulse Rate(Hz) VDD=5V (Hz)			Luminous Intensity IF=25mA (mcd)		Viewing Angle 2 θ 1/2 (deg)	Drawing No.
		Material	Emitted Color	Peak Wave Length λ_p (nm)		Min.	Typ.	Max.	Min.	Typ.		
T-1 Standard 1.0" Lead 3 ϕ	BB-B5171-C	GaP/GaP	Bright Red	700	Red Diffused	2.0	2.4	2.8	2.0	6.0	45	L-152
	BB-B4571-C	GaAsP/GaP	Hi-Eff Red	635					8.0	25.0		
	BB-B6171-C	GaAlAs	Super Red	660	15.0				40.0			
	BB-B2171-C	GaP/GaP	Green	568	8.0				25.0			
	BB-BX1171-C	GaP/GaP	Hi-Eff Y.G	568	10.0				30.0			
	BB-B3171-C	GaAsP/GaP	Yellow	585	6.0				20.0			
	BB-B4171-C	GaAsP/GaP	Orange	635	8.0				25.0			
T-13/4 Standard 1.0" Lead 5 ϕ	BB-B5174	GaP/GaP	Bright Red	700	Red Diffused				45	L-153		
	BB-B4574	GaAsP/GaP	Hi-Eff Red	635							4.0	12.0
	BB-B6174	GaAlAs	Super Red	660	12.0						40.0	
	BB-B2174	GaP/GaP	Green	568	20.0						60.0	
	BB-BX1174	GaP/GaP	Hi-Eff Y.G	568	12.0						40.0	
	BB-B3174	GaAsP/GaP	Yellow	585	5.0						50.0	
	BB-B4174	GaAsP/GaP	Orange	635	10.0						35.0	
					12.0	40.0						

Remark : 1.Hi-Eff Red / High-Efficiency Red ◦

2.Trans / Transparent ◦

3.2 θ 1/2 The off-axis angle at which the luminous intensity is half the axial luminous intensity ◦

L-152	BB-Bxx71-C Series	L-153	BB-Bxx74 Series

Notes : 1.All Dimensions are millimeters (inches).

2.Tolerance is $\pm 0.25\text{mm}$ (.010").

AMERICAN BRIGHT