



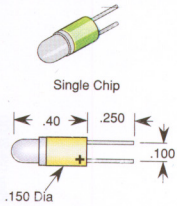
# T1(3mm) Sub-Midget Bi-Pin Based LEDs

Subminiature Packages	Replaces Incandescent	Part Number	Electrical-Optical Characteristics (Ta = 25°C)			Angle of Illumination	Special Features
			Voltage V typ	Current mA typ	Intensity mcd		
<b>660nm Ultra Red GaAlAs/GaAlAs</b> 	7265,7680,7714	BPF120-0UR-005V	5V	20	100	120°	Contact Polarity V = DC only Replace BPF120 With BP120 Standard (65°) Beam Intensity 180 mcd/30 Ft.Cd @20 mA
		BPF120-0UR-014V	12/14V	15	50		
		7839 BPF120-0UR-024V	24V	12	33		
		7839 BPF120-0UR-028V	28V	12	33		
<b>612nm Super Orange InGaAlP</b> 	7265,7680,7714	BPF120-0UO-005V	5V	20	85	120°	Contact Polarity V = DC only Replace BPF120 With BP120 Medium (50°) Beam Intensity 350 mcd@20 mA
		BPF120-0UO-014V	12/14V	15	64		
		7839 BPF120-0UO-024V	24V	12	51		
		7839 BPF120-0UO-028V	28V	12	51		
<b>595nm Super Yellow InGaAlP</b> 	7265,7680,7714	BPF120-0UY-005V	5V	20	32	120°	Contact Polarity V = DC only Replace BPF120 With BP120 Medium (50°) Beam Intensity 1K mcd@20 mA
		BPF120-0UY-014V	12/14V	15	21		
		7839 BPF120-0UY-024V	24V	12	15		
		7839 BPF120-0UY-028V	28V	12	15		
<b>8000K Cool White SiC/GaN</b> 	7265,7680,7714	BPF120-0CW-005V	5V	15	150	120°	Contact Polarity V = DC only Replace BPF120 With BP120 Std (50°) Beam Intensity 650 mcd/75 Ft. cd @15 mA
		BPF120-0CW-014V	12/14V	15	150		
		7839 BPF120-0CW-024V	24V	10	100		
		7839 BPF120-0CW-028V	28V	10	100		
<b>570nm Lime Green InGaAlP</b> 	7265,7680,7714	BPF120-0UG-005V	5V	20	36	120°	Contact Polarity V = DC only Replace BPF120 With BP120 Medium (50°) Beam Intensity 165 mcd@20 mA
		BPF120-0UG-014V	12/14V	15	27		
		7839 BPF120-0UG-024V	24V	12	22		
		7839 BPF120-0UG-028V	28V	12	22		
<b>525nm Aqua Green SiC/GaN</b> 	7265,7680,7714	BPF120-0AG-005V	5V	15	200	120°	Contact Polarity V = DC only Replace BPF120 With BP120 Narrow (15°) Beam Intensity 5K mcd/145 Ft.Cd @15 mA
		BPF120-0AG-014V	12/14V	15	200		
		7839 BPF120-0AG-024V	24V	10	150		
		7839 BPF120-0AG-028V	28V	10	150		
<b>470nm Super Blue SiC/GaN</b> 	7265,7680,7714	BPF120-0PB-005V	5V	15	60	120°	Contact Polarity V = DC only Replace BPF120 With BP120 Std (15°) Beam Intensity 1.5K mcd/32 Ft.Cd @15 mA
		BPF120-0PB-014V	12/14V	15	60		
		7839 BPF120-0PB-024V	24V	10	45		
		7839 BPF120-0PB-028V	28V	10	45		

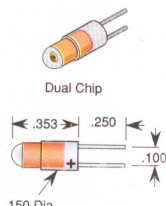
All dimensions in inches. For millimeters multiply by 25.4

## Custom Options

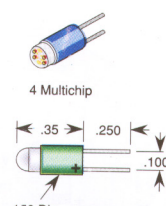
(for qualified applications)



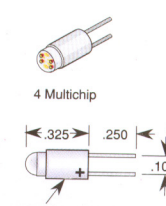
Series: BP120 (No Resistor)  
PN Example: BP120-0UY-005B



Series: BP122 (2Chip 160°)  
PN Example: BP122-0CO-005B



Series: BP124 (4 Chip 160°)  
PN Example: BP124-0UG-005B



Series: BP124 (4 Chip 160°)  
PN Example: BP124-0CW-005B

Log # 122B Rev 09-2000