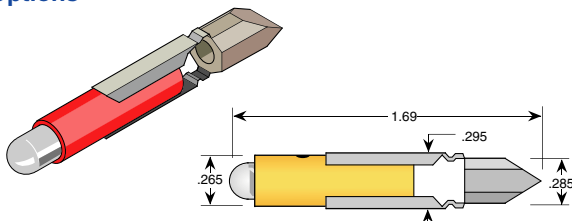




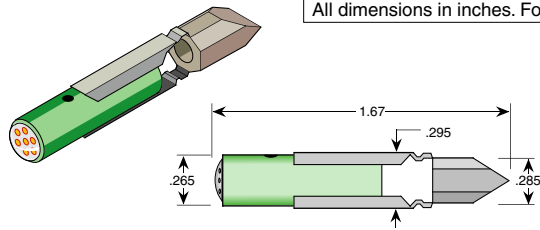
# T2 #1 Telephone Slide Based LEDs

Miniature 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>  1SBF200		1SBF200-0UR-006B	5/6V	20	115	120°	Contact Polarity B = BiPolar AC/DC A = AC only  Replace 2SBF200 With 2SB200 Narrow Beam (15°) Intensity 1.6K mcd/52 Ft.Cd @ 20 mA
		1SBF200-0UR-014B	12/14V	20	115		
		1SBF200-0UR-024B	24V	15	85		
		1SBF200-0UR-028B	28V	15	85		
		1SBF200-0UR-048B	48V	12	65		
	1SBF200-0UR-120A	120VAC	10	50			
<b>612nm Super Orange InGaAlP</b>  1SBF200		1SBF200-0UO-006B	5/6V	20	130	120°	Contact Polarity B = BiPolar AC/DC A = AC only  Replace 2SBF200 With 2SB200 Narrow (15°) Beam Intensity 3.5K mcd@20 mA
		1SBF200-0UO-014B	12/14V	20	130		
		1SBF200-0UO-024B	24V	15	98		
		1SBF200-0UO-028B	28V	15	98		
		1SBF200-0UO-048B	48V	12	78		
	1SBF200-0UO-120A	120VAC	10	65			
<b>595nm Super Yellow InGaAlP</b>  1SBF200		1SBF200-0UY-006B	5/6V	20	116	120°	Contact Polarity B = BiPolar AC/DC A = AC only  Replace 2SBF200 With 2SB200 Narrow (15°) Beam Intensity 3.2K mcd@20 mA
		1SBF200-0UY-014B	12/14V	20	116		
		1SBF200-0UY-024B	24V	15	75		
		1SBF200-0UY-028B	28V	15	75		
		1SBF200-0UY-048B	48V	12	54		
	1SBF200-0UY-120A	120VAC	10	39			
<b>8000K Cool White SiC/GaN</b>  1SBF200		1SBF200-0CW-006B	5V	15	160	120°	Contact Polarity B = BiPolar AC/DC A = AC only  Replace 2SBF200 With 2SB200 Std. (50°) Beam Intensity 750 mcd/75 Ft. cd
		1SBF200-0CW-014B	12/14V	15	160		
		1SBF200-0CW-024B	24V	15	160		
		1SBF200-0CW-028B	28V	15	160		
		1SBF200-0CW-048B	48V	12	128		
	1SBF200-0CW-120A	120VAC	10	106			
<b>570nm Lime Green InGaAlP</b>  1SBF200		1SBF200-0UG-006B	5/6V	20	58	120°	Contact Polarity B = BiPolar AC/DC A = AC only  Replace 2SBF200 With 2SB200 Narrow (12-15°) Beam Intensity 1K mcd@ 20 mA
		1SBF200-0UG-014B	12/14V	20	58		
		1SBF200-0UG-024B	24V	15	44		
		1SBF200-0UG-028B	28V	15	44		
		1SBF200-0UG-048B	48V	12	35		
	1SBF200-0UG-120A	120VAC	10	29			
<b>525nm Aqua Green SiC/GaN</b>  1SBF200		1SBF200-0AG-006B	5/6V	15	400	120°	Contact Polarity B = BiPolar AC/DC A = AC only  Replace 2SBF200 With 2SB200 Narrow (15°) Beam Intensity 7K mcd/250 Ft.Cd
		1SBF200-0AG-014B	12/14V	15	400		
		1SBF200-0AG-024B	24V	15	400		
		1SBF200-0AG-028B	28V	15	400		
		1SBF200-0AG-048B	48V	12	320		
	1SBF200-0AG-120A	120VAC	10	275			
<b>470nm Super Blue SiC/GaN</b>  1SBF200		1SBF200-0PB-006B	5/6V	15	125	120°	Contact Polarity B = BiPolar AC/DC A = AC only  Replace 2SBF200 With 2SB200 Std. (15°) Beam Intensity 2K mcd/60 Ft.Cd
		1SBF200-0PB-014B	12/14V	15	125		
		1SBF200-0PB-024B	24V	15	125		
		1SBF200-0PB-028B	28V	15	125		
		1SBF200-0PB-048B	48V	12	84		
	1SBF200-0PB-120A	120VAC	10	74			

## Options



Series: 1SB200 (15° Illumination)  
 PN Example: 1SB200-0UY-024B



Series: BSD-1174 (160° Illumination)  
 PN Example: BSD-1174-0AG-028B

All dimensions in inches. For millimeters multiply by 25.4

