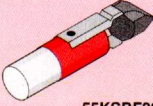



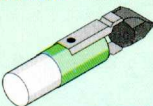
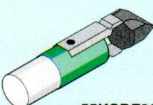
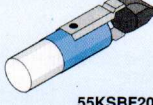


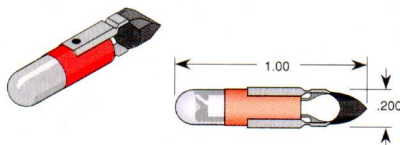


# T5.5K European Telephone Slide Based LEDs

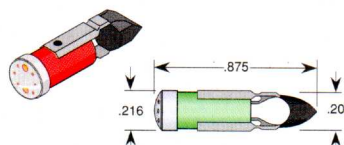
Subminiature Packages	Replaces Incandescent	Part Number	Electrical-Optical Characteristics (Ta = 25°C)			Angle of Illumination	Special Features
			Voltage V typ	Current mA typ	Intensity mcd		
<b>660nm Ultra Red GaAlAs/GaAlAs</b>  55KSBF200		55KSBF200-0UR-006V	5/6V	20	115	120°	Contact Polarity V = DC only A = AC only  Replace 55KSBF200 With 55KSB200 Narrow Beam (15°) Intensity 1.6K mcd/52 Ft.Cd @20 mA
		55KSBF200-0UR-014V	12/14V	20	115		
		55KSBF200-0UR-024V	24V	15	85		
		55KSBF200-0UR-028V	28V	15	85		
		55KSBF200-0UR-048V	48V	12	65		
		55KSBF200-0UR-120A	120VAC	10	50		
<b>612nm Super Orange InGaAlP</b>  55KSBF200		55KSBF200-0UO-006V	5/6V	20	130	120°	Contact Polarity V = DC only A = AC only  Replace 55KSBF200 With 55KSB200 Narrow (15°) Beam Intensity 3.5K mcd@20 mA
		55KSBF200-0UO-014V	12/14V	20	130		
		55KSBF200-0UO-024V	24V	15	98		
		55KSBF200-0UO-028V	28V	15	98		
		55KSBF200-0UO-048V	48V	12	78		
		55KSBF200-0UO-120A	120VAC	10	65		
<b>595nm Super Yellow InGaAlP</b>  55KSBF200		55KSBF200-0UY-006V	5/6V	20	116	120°	Contact Polarity V = DC only A = AC only  Replace 55KSBF200 With 55KSB200 Narrow (15°) Beam Intensity 3.2K mcd@20 mA
		55KSBF200-0UY-014V	12/14V	20	116		
		55KSBF200-0UY-024V	24V	15	75		
		55KSBF200-0UY-028V	28V	15	75		
		55KSBF200-0UY-048V	48V	12	54		
		55KSBF200-0UY-120A	120VAC	10	39		
<b>8000K Cool White SiC/GaN</b>  55KSBF200		55KSBF200-0CW-006V	5V	15	160	120°	Contact Polarity V = DC only A = AC only  Replace 55KSBF200 With 55KSB200 Std. (50°) Beam Intensity 750 mcd/75 Ft. cd
		55KSBF200-0CW-014V	12/14V	15	160		
		55KSBF200-0CW-024V	24V	15	160		
		55KSBF200-0CW-028V	28V	15	160		
		55KSBF200-0CW-048V	48V	12	128		
		55KSBF200-0CW-120A	120VAC	10	106		
<b>570nm Lime Green InGaAlP</b>  55KSBF200		55KSBF200-0UG-006V	5/6V	20	58	120°	Contact Polarity V = DC only A = AC only  Replace 55KSBF200 With 55KSB200 Narrow (12-15°) Beam Intensity 1K mcd@ 20 mA
		55KSBF200-0UG-014V	12/14V	20	58		
		55KSBF200-0UG-024V	24V	15	44		
		55KSBF200-0UG-028V	28V	15	44		
		55KSBF200-0UG-048V	48V	12	35		
		55KSBF200-0UG-120A	120VAC	10	29		
<b>525nm Aqua Green SiC/GaN</b>  55KSBF200		55KSBF200-0AG-006V	5/6V	15	400	120°	Contact Polarity V = DC only A = AC only  Replace 55KSBF200 With 55KSB200 Narrow (15°) Beam Intensity 7K mcd/250 Ft.Cd
		55KSBF200-0AG-014V	12/14V	15	400		
		55KSBF200-0AG-024V	24V	15	400		
		55KSBF200-0AG-028V	28V	15	400		
		55KSBF200-0AG-048V	48V	12	320		
		55KSBF200-0AG-120A	120VAC	10	275		
<b>470nm Super Blue SiC/GaN</b>  55KSBF200		55KSBF200-0PB-006V	5/6V	15	125	120°	Contact Polarity V = DC only A = AC only  Replace 55KSBF200 With 55KSB200 Std. (15°) Beam Intensity 2K mcd/60 Ft.Cd
		55KSBF200-0PB-014V	12/14V	15	125		
		55KSBF200-0PB-024V	24V	15	125		
		55KSBF200-0PB-028V	28V	15	125		
		55KSBF200-0PB-048V	48V	12	84		
		55KSBF200-0PB-120A	120VAC	10	74		

## Options

All dimensions in inches. For millimeters multiply by 25.4



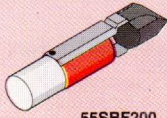
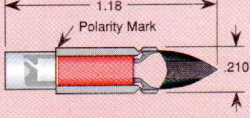
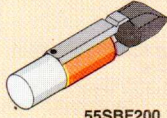
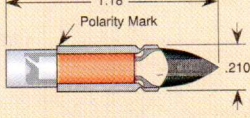
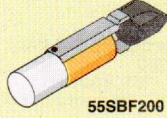
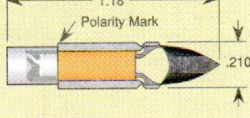
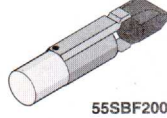
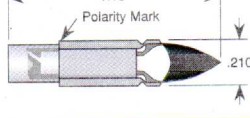
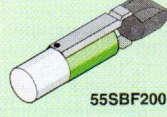
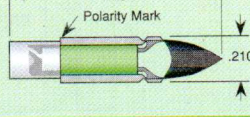
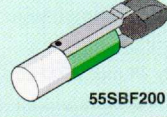
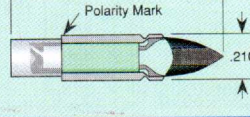
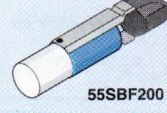
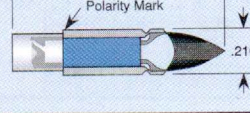
Series: 55KSB200 (15° Illumination)  
PN Example: 55KSB200-0UO-024V



Series: 55KSB206 (160° Illumination)  
PN Example: 55KSB206-0AG-024V

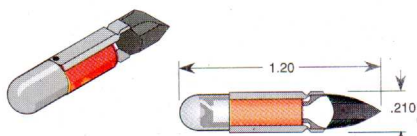


# T5.5 European Telephone Slide Based LEDs

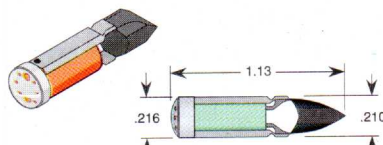
Subminiature Packages	Replaces Incandescent	Part Number	Electrical-Optical Characteristics (Ta = 25°C)			Angle of Illumination	Special Features
			Voltage V typ	Current mA typ	Intensity mcd		
<b>660nm Ultra Red GaAlAs/GaAlAs</b>  55SBF200		55SBF200-0UR-006V	5/6V	20	115	120°	Contact Polarity V = DC only A = AC only  Replace 55SBF200 With 55SB200 Narrow Beam (15°) Intensity 1.6K mcd/52 Ft.Cd @20 mA
		55SBF200-0UR-014V	12/14V	20	115		
		55SBF200-0UR-024V	24V	15	85		
		55SBF200-0UR-028V	28V	15	85		
		55SBF200-0UR-048V	48V	12	65		
55SBF200-0UR-120A	120VAC	10	50				
<b>612nm Super Orange InGaAlP</b>  55SBF200		55SBF200-0UO-006V	5/6V	20	130	120°	Contact Polarity V = DC only A = AC only  Replace 55SBF200 With 55SB200 Narrow (15°) Beam Intensity 3.5K mcd@20 mA
		55SBF200-0UO-014V	12/14V	20	130		
		55SBF200-0UO-024V	24V	15	98		
		55SBF200-0UO-028V	28V	15	98		
		55SBF200-0UO-048V	48V	12	78		
55SBF200-0UO-120A	120VAC	10	65				
<b>595nm Super Yellow InGaAlP</b>  55SBF200		55SBF200-0UY-006V	5/6V	20	116	120°	Contact Polarity V = DC only A = AC only  Replace 55SBF200 With 55SB200 Narrow (15°) Beam Intensity 3.2K mcd@20 mA
		55SBF200-0UY-014V	12/14V	20	116		
		55SBF200-0UY-024V	24V	15	75		
		55SBF200-0UY-028V	28V	15	75		
		55SBF200-0UY-048V	48V	12	54		
55SBF200-0UY-120A	120VAC	10	39				
<b>8000K Cool White SiC/GaN</b>  55SBF200		55SBF200-0CW-006V	5V	15	160	120°	Contact Polarity V = DC only A = AC only  Replace 55SBF200 With 55SB200 Std. (50°) Beam Intensity 750 mcd/75 Ft. cd
		55SBF200-0CW-014V	12/14V	15	160		
		55SBF200-0CW-024V	24V	15	160		
		55SBF200-0CW-028V	28V	15	160		
		55SBF200-0CW-048V	48V	12	128		
55SBF200-0CW-120A	120VAC	10	106				
<b>570nm Lime Green InGaAlP</b>  55SBF200		55SBF200-0UG-006V	5/6V	20	58	120°	Contact Polarity V = DC only A = AC only  Replace 55SBF200 With 55SB200 Narrow (12-15°) Beam Intensity 1K mcd@ 20 mA
		55SBF200-0UG-014V	12/14V	20	58		
		55SBF200-0UG-024V	24V	15	44		
		55SBF200-0UG-028V	28V	15	44		
		55SBF200-0UG-048V	48V	12	35		
55SBF200-0UG-120A	120VAC	10	29				
<b>525nm Aqua Green SiC/GaN</b>  55SBF200		55SBF200-0AG-006V	5/6V	15	400	120°	Contact Polarity V = DC only A = AC only  Replace 55SBF200 With 55SB200 Narrow (15°) Beam Intensity 7K mcd/250 Ft.Cd
		55SBF200-0AG-014V	12/14V	15	400		
		55SBF200-0AG-024V	24V	15	400		
		55SBF200-0AG-028V	28V	15	400		
		55SBF200-0AG-048V	48V	12	320		
55SBF200-0AG-120A	120VAC	10	275				
<b>470nm Super Blue SiC/GaN</b>  55SBF200		55SBF200-0PB-006V	5/6V	15	125	120°	Contact Polarity V = DC only A = AC only  Replace 55SBF200 With 55SB200 Std. (15°) Beam Intensity 2K mcd/60 Ft.Cd
		55SBF200-0PB-014V	12/14V	15	125		
		55SBF200-0PB-024V	24V	15	125		
		55SBF200-0PB-028V	28V	15	125		
		55SBF200-0PB-048V	48V	12	84		
55SBF200-0PB-120A	120VAC	10	74				

### Custom Options (for qualified applications)

All dimensions in inches. For millimeters multiply by 25.4



Series: 55SB200 (15° Illumination)  
PN Example: 55SB200-0UO-024V



Series: 55SB206 (160° Illumination)  
PN Example: 55SB206-0AG-024V