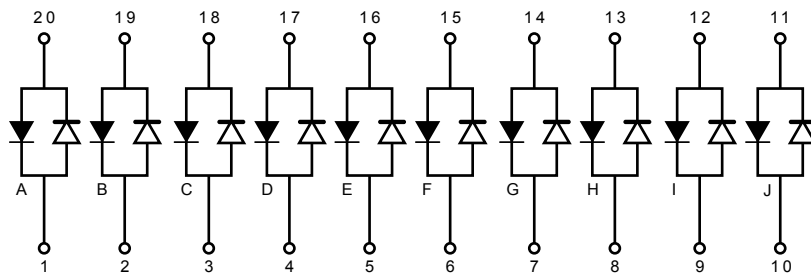
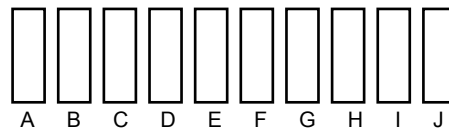
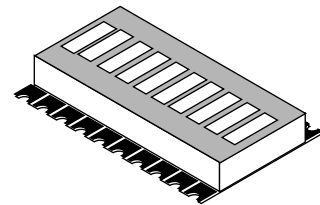
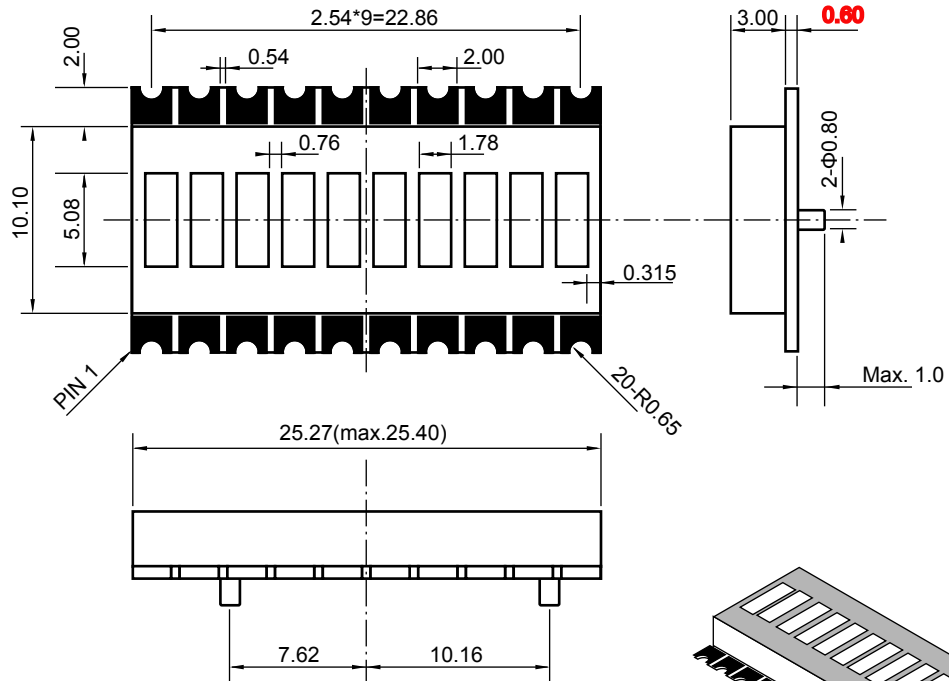
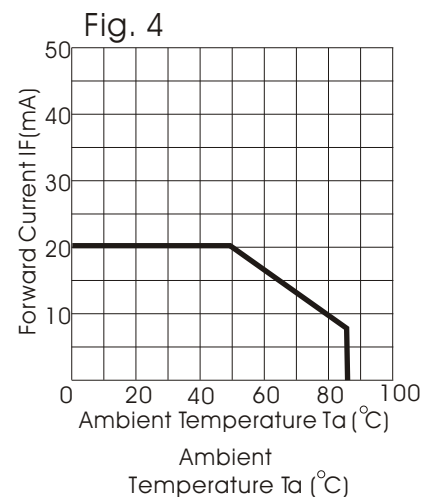
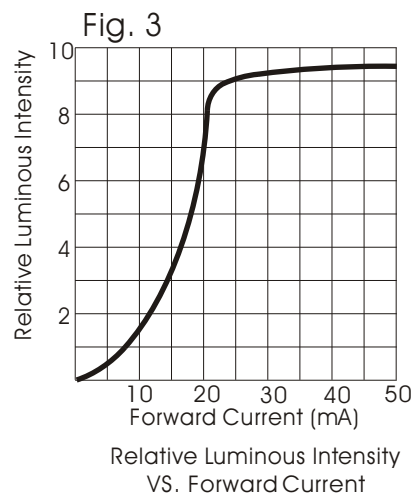
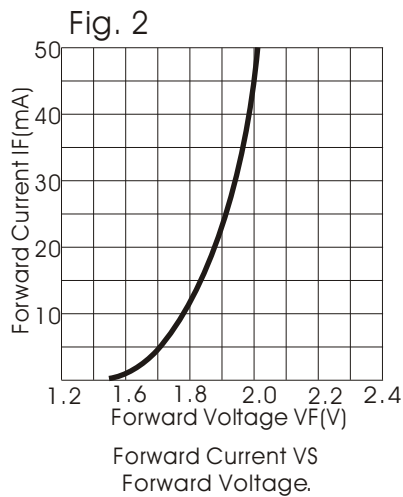
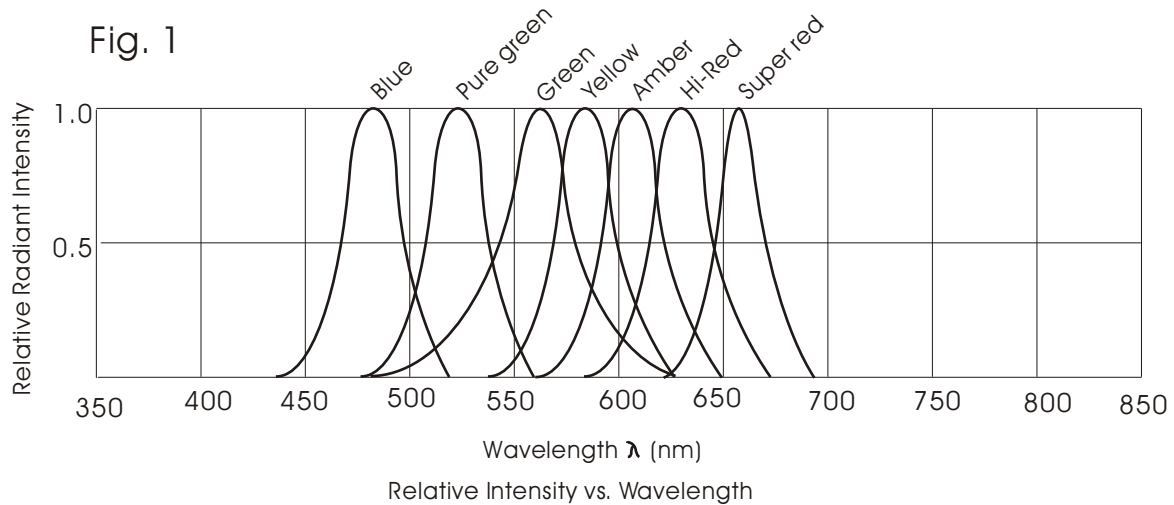


KTB19BS



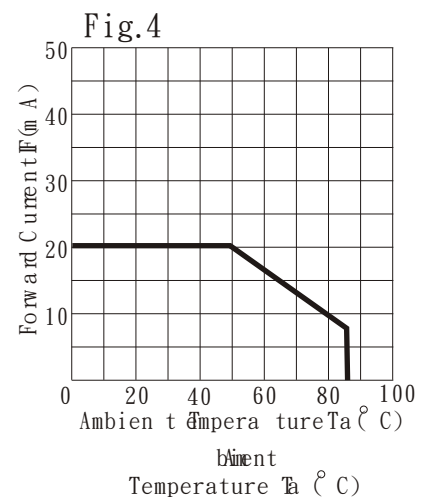
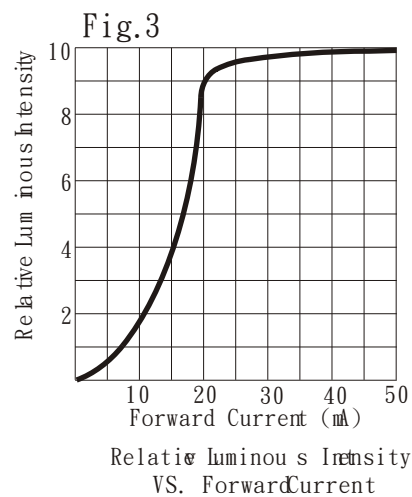
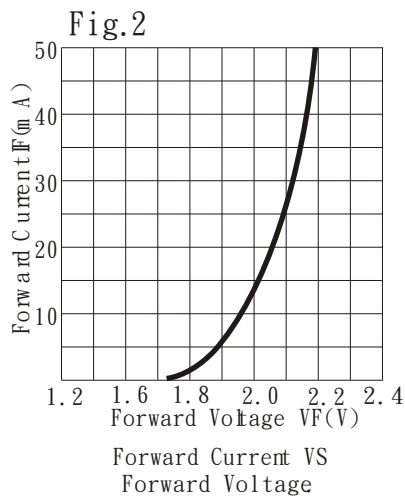
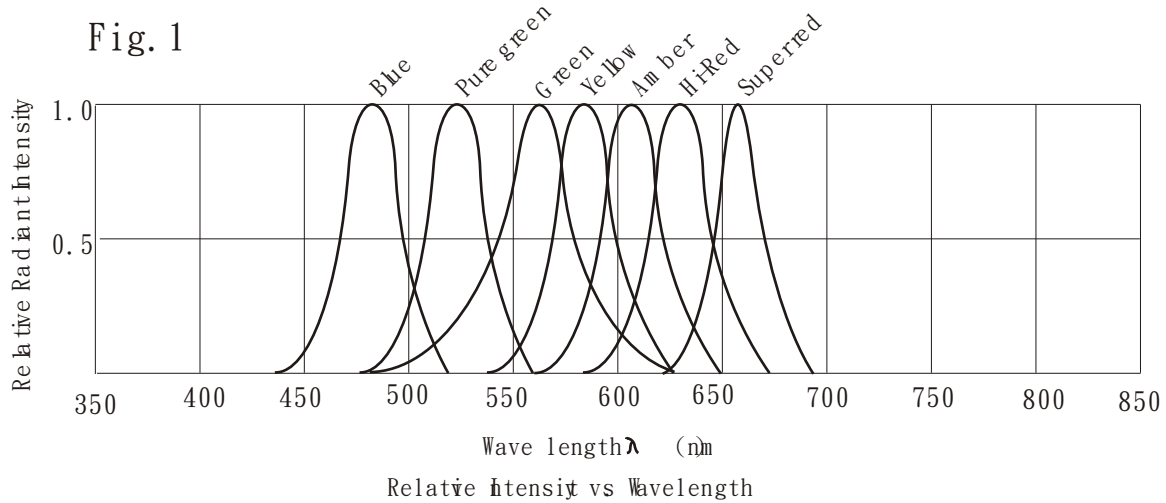
▼ red
 ▲ green



Code: C (AlGaAs/GaAs)

Parameter	Symbol	Condition	Min.	Typ.	Max.	Unit
Forward Voltage (Per dice)	V_f	$I_f=20\text{mA}$	1.84		2.1	V
Reverse Voltage (Per dice)	V_r	$I_r=10\mu\text{A}$		5.0		V
Luminous Intensity (Per dice)	I_v	$I_f=20\text{mA}$		8.0		mcd
Spectrum With Of Half Value	$\Delta\lambda$	$I_f=20\text{mA}$		22		nm
Wavelength	$D\lambda$	$I_f=20\text{mA}$		655		nm
Peak Forward Current (per dice) 1/10 Duty Cycle, 0.1ms Pulse width			70			mA
Operating Temperature Range			-35°C to 85°C			
Storage Temperature Range			-35°C to 85°C			
Solder Temperature 1.5mm below seating plane for 3 Seconds at 260°C						

Absolute Maximum Rating at $T_a=25^\circ\text{C}$



Code: J (GaP)

Parameter	Symbol	Condition	Min.	Typ.	Max.	Unit
Forward Voltage (Per dice)	V_f	$I_f=20\text{mA}$	1.8		2.6	V
Reverse Voltage (Per dice)	V_r	$I_r=10\mu\text{A}$		5.0		V
Luminous Intensity (Per dice)	I_v	$I_f=20\text{mA}$		40.0		mcd
Spectrum With Of Half Value	$\Delta\lambda$	$I_f=20\text{mA}$		30		nm
Wavelength	$D\lambda$	$I_f=20\text{mA}$		570		nm
Peak Forward Current (per dice) 1/10 Duty Cycle, 0.1ms Pulse width			70			mA
Operating Temperature Range			-35°C to 85°C			
Storage Temperature Range			-35°C to 85°C			
Solder Temperature 1.5mm below seating plane for 3 Seconds at 260°C						

Absolute Maximum Rating at $T_a=25^\circ\text{C}$