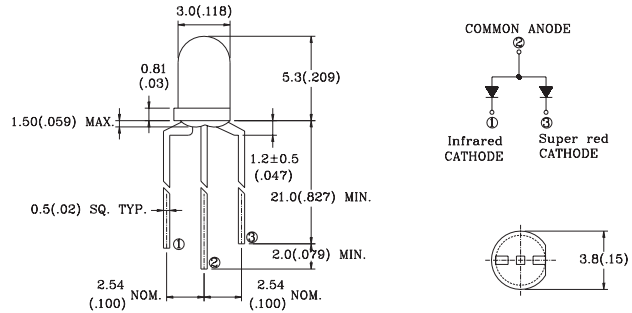




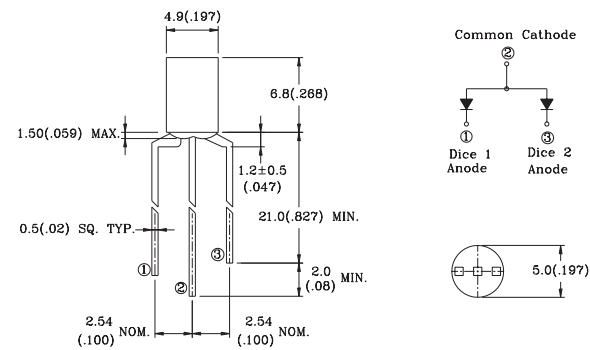
# Infrared Emitting & Visible Diode

Part Number	Chip		Lens Color	V <sub>F</sub> (V) @ I <sub>F</sub> =50mA		E <sub>e</sub> (mW/cm <sup>2</sup> ) @ I <sub>F</sub> =50mA		Viewing Angle 2θ 1/2
	Material	Wave length λ p		Typ.	Max.	Min.	Typ.	

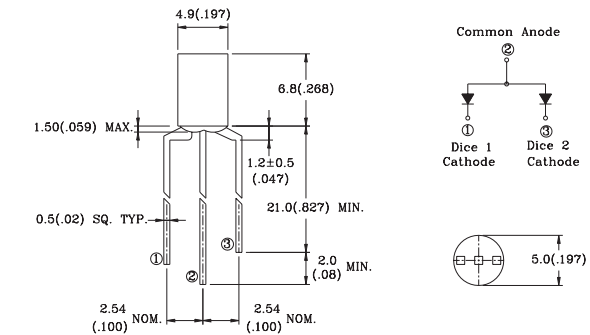
BL-BS0N0301	GaAlAs/SH Super Red	660	Water Clear	1.70	2.60	200(1*)		30
	GaAlAs/GaAlAs	880		1.30	1.70	2.50	4.00	



BIR-CM1J3301A-2	GaAlAs/GaAs	940	Water Clear	1.25	1.50	0.40	0.85	120
	InGaAlP/Ultra Orange	635		2.2	2.6	70(1*)		



BIR-CN0F4301A-2	GaAlAs/GaAs	880	Water Clear	1.25	1.50	0.60	1.10	120
	GaAlAs/GaAlAs/Sup Super Red	650		2.0	2.6	350(1*)		



1\*:I<sub>v</sub>(mcd)@I<sub>F</sub>=20mA