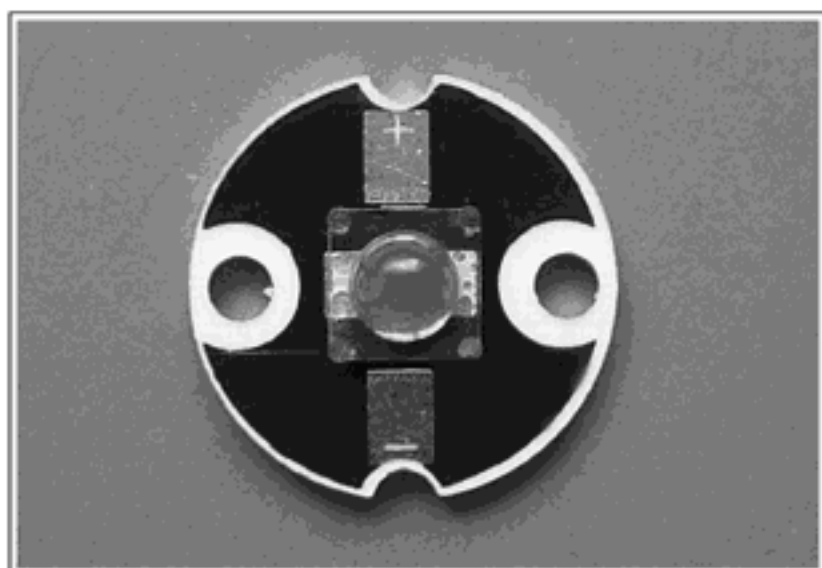
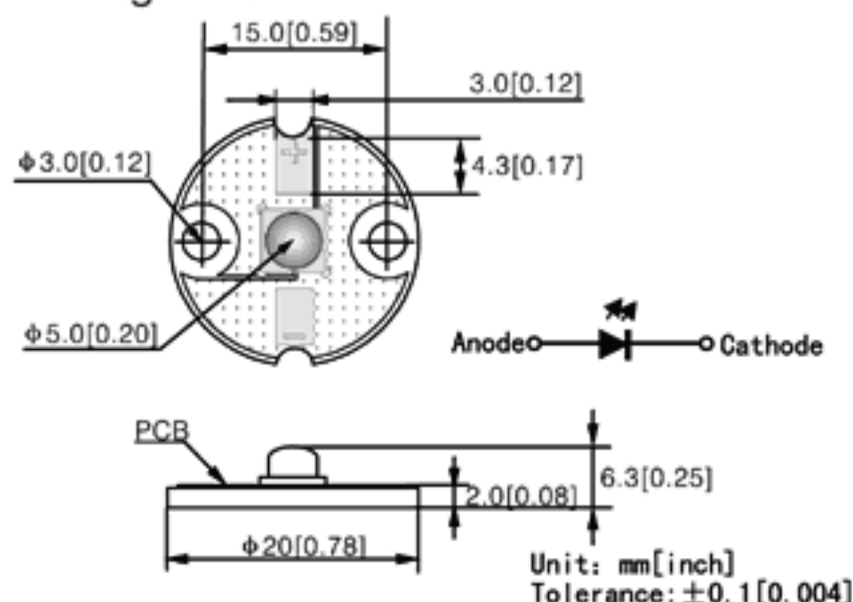


ROITHNER LASERTECHNIK

Round 20 High Power LED



Package Dimension:



Part Number	Chip Material	Emitting Color	Lens Type	Forward Voltage V _F (V)		Dominant Wavelength λ _D (nm)		Luminous Flux (lm)	Reverse Current I _R (μA) AT V _R =5V	Viewing 2 θ 1/2 (°)	
				Working Current :I _F =350mA							
				Min.	Max.	Min.	Max.	Typ.			
C20A1-HW-30(-S)	InGaN	White(Warm White)	Water Clear	3.2	4.0	—	—	16	<100	30	
C20A1-HW-60(-S)	InGaN	White(Warm White)	Water Clear	3.2	4.0	—	—		<100	60	
C20A1-HW-120(-S)	InGaN	White(Warm White)	Water Clear	3.2	4.0	—	—		<100	120	
C20A1-HB-30	InGaN	Blue	Water Clear	3.2	4.0	460	470	4.5	<100	30	
C20A1-HB-60	InGaN	Blue	Water Clear	3.2	4.0	460	470		<100	60	
C20A1-HB-120	InGaN	Blue	Water Clear	3.2	4.0	460	470		<100	120	
C20A1-HC-30	InGaN	Blue Green	Water Clear	3.2	4.0	500	510	10	<100	30	
C20A1-HC-60	InGaN	Blue Green	Water Clear	3.2	4.0	500	510		<100	60	
C20A1-HC-120	InGaN	Blue Green	Water Clear	3.2	4.0	500	510		<100	120	
C20A1-HG-30	InGaN	Pure Green	Water Clear	3.2	4.0	515	525	10	<100	30	
C20A1-HG-60	InGaN	Pure Green	Water Clear	3.2	4.0	515	525		<100	60	
C20A1-HG-120	InGaN	Pure Green	Water Clear	3.2	4.0	515	525		<100	120	
C20A1-HY-30	AlGaInP	Yellow	Water Clear	2.0	2.8	585	595	10	<100	30	
C20A1-HY-60	AlGaInP	Yellow	Water Clear	2.0	2.8	585	595		<100	60	
C20A1-HY-120	AlGaInP	Yellow	Water Clear	2.0	2.8	585	595		<100	120	
C20A1-HR-30	AlGaInP	Red	Water Clear	2.0	2.8	625	635	8	<100	30	
C20A1-HR-60	AlGaInP	Red	Water Clear	2.0	2.8	625	635		<100	60	
C20A1-HR-120	AlGaInP	Red	Water Clear	2.0	2.8	625	635		<100	120	
C20A1-H850-30	AlGaAs	Infrared	Water Clear	1.5	2.5	845	855	65(mw)	<100	30	
C20A1-H850-60	AlGaAs	Infrared	Water Clear	1.5	2.5	845	855	45(mw)	<100	60	
C20A1-H850-120	AlGaAs	Infrared	Water Clear	1.5	2.5	845	855	30(mw)	<100	120	
C20A1-H880-30	AlGaAs	Infrared	Water Clear	1.5	2.5	875	885	65(mw)	<100	30	
C20A1-H880-60	AlGaAs	Infrared	Water Clear	1.5	2.5	875	885	45(mw)	<100	60	
C20A1-H880-120	AlGaAs	Infrared	Water Clear	1.5	2.5	875	885	30(mw)	<100	120	
C20A1-H940-30	AlGaAs	Infrared	Water Clear	1.5	2.5	935	945	65(mw)	<100	30	
C20A1-H940-60	AlGaAs	Infrared	Water Clear	1.5	2.5	935	945	45(mw)	<100	60	
C20A1-H940-120	AlGaAs	Infrared	Water Clear	1.5	2.5	935	945	30(mw)	<100	120	