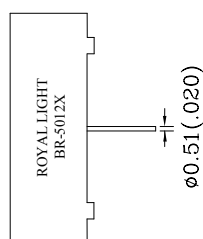
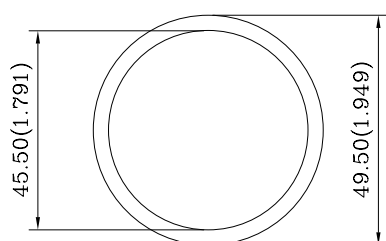


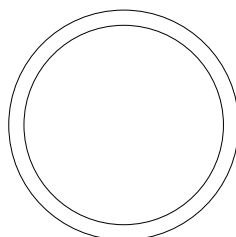
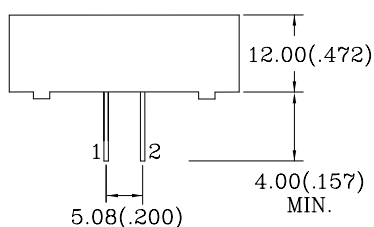
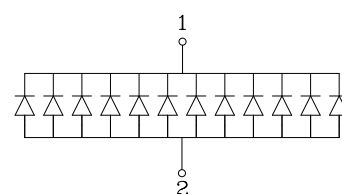
Single Color LED Light Bar

Digit Size	Part No.	Chip		Wave Length λ_p (nm)	Absolute Maximun Ratings				Electro-Optical Characteristics			Figure No.
		Raw Material	Emitted Color		$\Delta \lambda$ nm	Pd nW	If mA	If Peak	Vf(V)		Iv (μ cd)	
									Typ.	Max.	Typ.	
	$\phi 50$ mm	BR-5012E	GaAsP/Gap	Hi.eff η Red	635	45	100	30	160	2.0	2.8	
BR-5012G		Gap	Green	565	30	100	30	160	2.1	2.8	25.0	
BR-5012Y		GaAsP/Gap	Yellow	585	30	100	30	160	2.1	2.8	25.0	
BR-5012SR		GaAlAs	Super Red	660	20	60	20	160	1.8	2.8	60.0	

BD-20



BR-5012X



NOTES: 1.All Dimensions are in millimeters (inches).

2.Tolerance is $\pm 0.25\text{mm}(.010")$ unless otherwise specified.