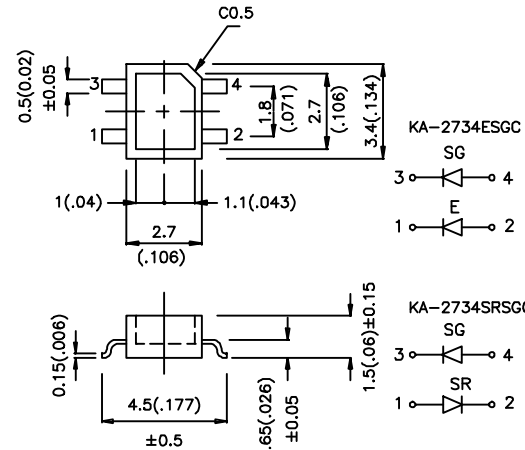
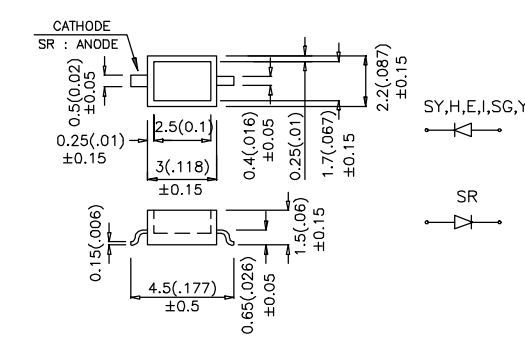
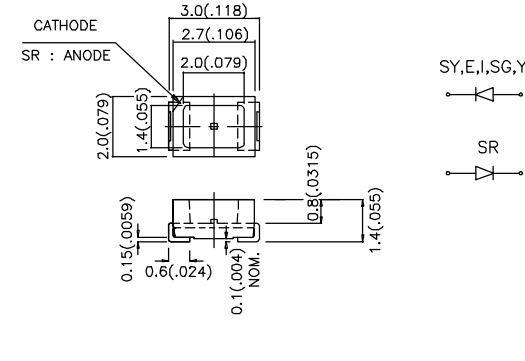


KA-2734	KA-3022-4.5SF	KA-3020
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Part No.	Emitting Color + Material	Wave-length (nm)	Lens Type	Iv (mcd) @20mA		Viewing Angle 2q1/2	Dimension
				Min.	Max.		

KA-2734ESGC	GaAsP/GaP	625	water clear	8	50	120°	<p>2.7mm x 3.4mm</p> 
	GaP	565		8	50		
KA-2734SRSGC	GaAlAs	660	water clear	80	200	120°	
	GaP	565		8	50		

KA-3022HC-4.5SF	GaP	700	water clear	1	4	90°	<p>3.0mm x 2.2mm</p> 
KA-3022HT-4.5SF	GaP	700	red transparent	1	4	90°	
KA-3022EC-4.5SF	GaAsP/GaP	625	water clear	8	60	90°	
KA-3022IT-4.5SF	GaAsP/GaP	625	red transparent	8	60	90°	
KA-3022YC-4.5SF	GaAsP/GaP	590	water clear	8	40	90°	
KA-3022YT-4.5SF	GaAsP/GaP	590	yellow transparent	8	40	90°	
KA-3022SRC-4.5SF	GaAlAs	660	water clear	70	300	90°	
KA-3022SRT-4.5SF	GaAlAs	660	red transparent	70	300	90°	
KA-3022SGC-4.5SF	GaP	565	water clear	8	40	90°	
KA-3022SGT-4.5SF	GaP	565	green transparent	8	40	90°	
KA-3022SYC-4.5SF	InGaAlP	595	water clear	100	200	90°	
KA-3022SYT-4.5SF	InGaAlP	595	yellow transparent	100	200	90°	

KA-3020EC	GaAsP/GaP	625	water clear	8	60	90°	<p>3.0mm x 2.0mm</p> 
KA-3020IT	GaAsP/GaP	625	red transparent	8	60	90°	
KA-3020YC	GaAsP/GaP	590	water clear	8	40	90°	
KA-3020YT	GaAsP/GaP	590	yellow transparent	8	40	90°	
KA-3020SRC	GaAlAs	660	water Clear	70	300	90°	
KA-3020SRT	GaAlAs	660	red transparent	70	300	90°	
KA-3020SGC	GaP	565	water clear	8	40	90°	
KA-3020SGT	GaP	565	green transparent	8	40	90°	
KA-3020SYC	InGaAlP	595	water clear	100	200	90°	
KA-3020SYT	InGaAlP	595	yellow transparent	100	200	90°	

NOTES :

1. All dimensions are in millimeters (inches)
2. Tolerance is ±0.25mm(0.01") unless otherwise noted.