

INFRARED EMITTING DIODE

Part Number	Material	$\lambda_P$ (nm)	Lens Type	Po (mW/sr) @20mA *50mA		Viewing Angle 2 $\theta$ 1/2	Dimensions
				Min.	Typ.		
KP-1608F3C	GaAs	940	water clear	0.8	2	150°	<p>1.6mm x 0.8mm x 1.1mm (0603)</p> <p>KP-1608</p> <p>F3 1 <math>\circ</math> <math>\triangle</math> <math>\circ</math> 2 SF4 1 <math>\circ</math> <math>\triangle</math> <math>\circ</math> 2</p> <p>Units : mm(inch) Tolerance : <math>\pm 0.1(0.004)</math></p>
KP-1608SF4C	GaAlAs	880	water clear	0.8	1.5	150°	
KP-2012F3C	GaAs	940	water clear	0.8	2	160°	<p>2.0mm x 1.25mm x 1.1mm (0805)</p> <p>KP-2012</p> <p>F3 1 <math>\circ</math> <math>\triangle</math> <math>\circ</math> 2 SF4 1 <math>\circ</math> <math>\triangle</math> <math>\circ</math> 2</p> <p>Units : mm(inch) Tolerance : <math>\pm 0.1(0.004)</math></p>
KP-2012SF4C	GaAlAs	880	water clear	0.8	1.5	160°	
KPA-3010F3C	GaAs	940	water clear	0.8	2	160°	<p>3.0mm x 2.0mm x 1.0mm (1104 Right Angle)</p> <p>KPA-3010</p> <p>1 <math>\circ</math> <math>\triangle</math> <math>\circ</math> 2</p> <p>Units : mm(inch) Tolerance : <math>\pm 0.15(0.006)</math></p>
KM2520F3C03	GaAs	940	water clear	3	8	20°	<p>2mm Subminiature IR Emitter</p> <p>KM2520F3C03</p> <p>1 <math>\circ</math> <math>\triangle</math> <math>\circ</math> 2</p> <p>Units : mm(inch) Tolerance : <math>\pm 0.25(0.01)</math></p>
				*8	*16		

NOTE:  
1. Radiant intensity value is traceable to CIE127-2007 standards.