

φ5 -AlGaInP/Si IR-LED Specification

Item	Model	Absolute Maximum Rating						Electrical-Optical Characteristics (TYP)							
		Forward Current	Reverse Voltage	PulseForward Current(*)	Power Dissipation	Operating Temp.	Storage Temp.	Forward Voltage	Reverse Current(*)	Output Power	Radiant Intensity	Peak Wavelength	LineHalf-width	Angle(Ref.)	
		IF(mA)	VR(V)	IFP(mA)	PD(mW)	Topr(°C)	Tstg(°C)	VF(TYP)(V)	IR(MAX)(μA)	Po(mW)	Ie(mW/sr)	λp(nm)	Δλ(nm)	2θ1/2	
φ5mmLED (5A06-F3)	IR709JA-5A06-F3	100	10	500	220	-30~85	-30~100	1.9	5	(20)	(40)	700	28	45	
	IR709JC-5A06-F3	100	10	500	220	-30~85	-30~100	1.9	5	(40)	(60)	705	28	45	
	IR719JE-5A06-F3	100	10	500	220	-30~85	-30~100	1.9	5	(40)	(80)	710	28	45	
	IR719JG-5A06-F3	100	10	500	220	-30~85	-30~100	1.9	5	(40)	(70)	715	28	45	
	IR729JI-5A06-F3	100	10	500	220	-30~85	-30~100	1.9	5	(40)	(60)	720	28	45	
	IR729JK-5A06-F3	100	10	500	220	-30~85	-30~100	1.9	5	(40)	(60)	725	28	45	
	IR739JM-5A06-F3	100	10	500	220	-30~85	-30~100	1.9	5	(40)	(60)	730	28	45	
	IR739JO-5A06-F3	100	10	500	220	-30~85	-30~100	1.9	5	(30)	(70)	735	28	45	
	IR749JQ-5A06-F3	100	10	500	220	-30~85	-30~100	1.9	5	(30)	(60)	740	28	45	
	IR749JS-5A06-F3	100	10	500	220	-30~85	-30~100	1.9	5	(30)	(60)	745	28	45	
	IR759KA-5A06-F3	100	10	500	220	-30~85	-30~100	1.9	5	-	-	750	28	45	
	IR759KC-5A06-F3	100	10	500	220	-30~85	-30~100	1.9	5	(20)	(40)	755	28	45	
	IR769KE-5A06-F3	100	10	500	220	-30~85	-30~100	1.9	5	(30)	(40)	760	28	45	
	IR769KG-5A06-F3	100	10	500	220	-30~85	-30~100	1.9	5	(30)	(60)	765	28	45	
	IR779KI-5A06-F3	100	10	500	220	-30~85	-30~100	1.9	5	(30)	(70)	770	28	45	
	IR779KK-5A06-F3	100	10	500	220	-30~85	-30~100	1.9	5	(20)	(40)	775	28	45	
	IR789KM-5A06-F3	100	10	500	220	-30~85	-30~100	1.9	5	(30)	(60)	780	28	45	
Condition		(*)Pulse condition: Pw ≤ 10 μ sec、Duty ≤ 1/100					Measurement condition: IF=50mA、(*)Reverse Current: VR=10V								

Remark:

• Output Power/Radiant Intensity: () are tentative data, [-] are undecided.