

Infrared Emitting Diodes(GaAlAs)

Type No.	MAXMUM RATINGS				ELECTRO-OPTICAL CHARACTERISTICS						
	Forward current IF[mA]	Reverse voltage VR[V]	Power dissipation PD[mW]	Operating temp. Topr.[c]	Radiant intensity PO[mW]		Forward voltage VF[V]		Peak emission wavelength[nm] Typ.	Half angle[deg.] Typ.	
					Typ.	IF[mA]	Max.	IF[mA]			
AL-402	100	5	150	-25~+70	2.2	50	2.0	50	910	Max.12	
KBL-1KL3	50	5	120	-40~+100	450	20	2.2	20	660	8	
CL-1CL3	60	4	80	-20~+70	7.0	40	1.5	40	880	53	
CL-1KL3	100	5	170	-30~+100	7.5	100	1.7	100	880	17	
CL-1KL7	100	5	200	-30~+100	8.0	100	2.0	100	880	8	
CL-203	80	5	160	-40~+100	5.0	50	2.0	80	880	Max.9	
CL-205	80	3	160	-30~+100	10.0	50	2.0	50	870	9	
CL-207	100	5	150	-30~+100	56mV	20	1.6	20	880	35	
CL-208	80	5	130	-20~+80	35mV	20	1.6	20	880	40	
CL-209	80	5	130	-20~+80	30mV	20	1.6	20	880	85	
CL-211	50	4	70	-30~+85	90mV	20	1.6	20	870	12	
CL-304L	50	5	100	-25~+85	7.6	50	2.0	50	880	30	
KFL-1ML-N	80	5	140	-25~+80	14	50	1.7	50	850	63	
ML-1CL3	50	3	80	-20~+70	-	-	1.7	50	865	53	
ML-1K3	50	3	85	-30~+100	-	-	1.7	50	865	36	

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