

Photo Transistors

Type No.	MAXIMUM RATINGS			ELECTRO-OPTICAL CHARACTERISTICS							
	C-E Voltage V _{ceo} [V]	Collector Power dissipation P _c [mW]	Operating temp. T _{opr} [c]	Light current I _L [mA]			Dark current I _d [nm]		Spectral sensitivity [nm]	Peak wavelength [nm] Typ	Half angle[deg.]
				Min	V _{ceo} [V]	E _v [lx]	Max	V _{ceo} [V]			
ST-1CL3H	20	75	-20~+70	0.08	3	1000	200	10	480~1000	800	+50
ST-1KB	40	150	-30~+100	0.5	10	200	200	10	500~1050	880	+50
ST-1KL3A	40	150	-30~+100	1.5	10	200	200	10	500~1050	880	+6
ST-1KL3B	40	150	-30~+100	1.5	10	200	200	10	500~1050	880	+6
ST-1KLA	40	150	-30~+100	1.5	10	200	200	10	500~1050	880	+15
ST-1KLB	40	150	-30~+100	1.5	10	200	200	10	500~1050	880	+15
ST-1MLA	40	100	-25~+90	0.5	10	200	200	10	500~1050	880	+70
ST-1MLAR2	40	100	-25~+90	0.5	10	200	200	10	720~1050	940	+70
ST-1MLB	40	100	-25~+90	0.5	10	200	200	10	500~1050	880	+70
ST-1MLBR2	40	100	-25~+90	0.5	10	200	200	10	720~1050	940	+70
ST-23G	30	100	-25~+90	0.5	5	1000	100	10	500~1050	880	+30
ST-302	30	75	-25~+85	0.2	5	1000	100	10	500~1050	880	+30
ST-305	30	75	-25~+85	0.6	5	1000	100	10	500~1050	880	+30
ST-309	30	-	-25~+85	0.04	5	-	500	10	400~1100	800	+60
ST-313R4	30	100	-25~+85	0.1	5	-	200	10	880~1050	940	+60
ST-312	30	100	-25~+85	0.16	5	1mW/cm	100	10	880~1050	880	+60
ST-325	30	75	-25~+85	0.4	5	1000	100	10	500~1050	880	+60
ST-333	30	75	-25~+85	0.6	5	1000	100	10	870~1100	960	+20
ST-333F	30	75	-25~+85	0.6	5	1000	100	10	870~1100	960	+20
ST-333F1	30	75	-25~+85	0.6	5	1000	100	10	870~1100	960	+20
KDT-3001A	35	75	-20~+85	1	5	1mW/cm	200	10	500~1050	880	+30
KDT2001	35	75	-25~+85	0.41	5	530	100	10	700~1050	860	+40



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