

Pin Photo Diodes

TYPE NO.	λ_p (nm)	SENSITIVITY		I_D		t_{on} TYP (ns)	t_{off} TYP (ns)	PACKAGE	CASE NO.
		(nA/Ix) TYP	H (mW/cm ²)	MAX (nA)	VR (V)				
ML303	940	50	5	30	10	50	50	Side On Type	L-303a
ML303B	880	50	5	30	10	50	50		
ML308	940	45	1	30	10	50	50	Black Plastic	L-308c
ML308A	880	45	1	30	10	50	50		

Photo Transistors

TYPE NO.	POLARITY	MAXIMUM RATINGS			I_L				I_D		PACKAGE	CASE NO.
		P_d (mW)	I_C (mA)	V_{CEO} (V)	(mA)		H (mW/cm ²)	V_{CE} (V)	MAX (nA)	V_{CE} (V)		
					MIN	MAX						
MEL78	N	50	25	30	6.0	-	5	5	100	5	ϕ 3.2mm	L-31a
MEL78D	N	50	25	30	1.3	-	5	5	100	5		
MEL79	N	50	25	30	6.0	-	5	5	200	10	ϕ 5.0mm	L-51a
MEL79D	N	50	50	20	4.0	-	5	5	200	10		
MEL82	N	50	-	20	3.5	-	5	5	100	10	ϕ 3.0mm	L-38a
MEL708	N	200	-	30	0.25	-	5	5	100	10	ϕ 3.0mm 3 Leads	L-36d
MEL709	N	200	-	30	4	-	5	5	1000	10	ϕ 5.0mm 3 Leads	L-51d
MEL709D	N	200	-	30	4	-	5	5	1000	10		

Photo Darlington

TYPE NO.	POLARITY	MAXIMUM RATINGS			I_L				I_D		PACKAGE	CASE NO.
		P_d (mW)	I_C (mA)	V_{CEO} (V)	(mA)		H (mW/cm ²)	V_{CE} (V)	MAX (nA)	V_{CE} (V)		
					MIN	MAX						
MDL78	N	50	15	10	16	-	5	5	2000	10	ϕ 3.2mm	L-31a
MDL82	N	50	15	10	15	-	5	5	2000	10	ϕ 3.0mm	L-38a