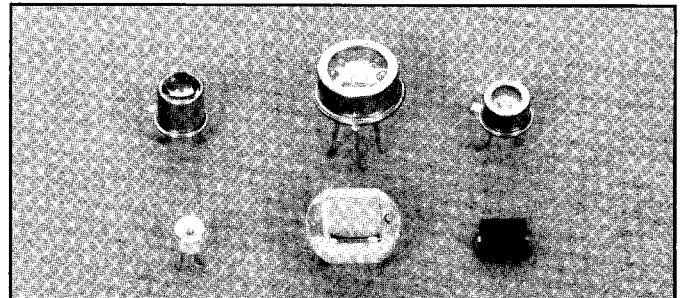
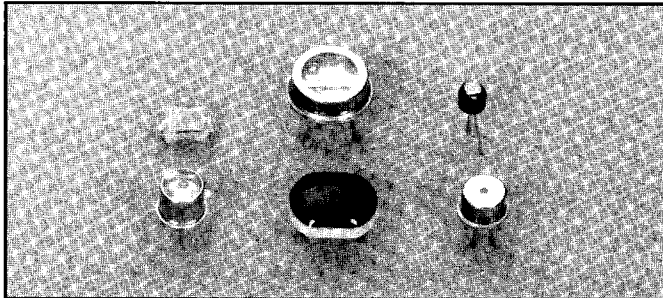


Specialty Products

A variety of product configurations have been developed that are now available without tooling charges. These devices offer a wide range of spectral and packaging options for cost effective, high volume requirements. Additional data available upon request. Our sales engineers will assist you in selecting the best device for your use and application.



Electrical / Optical Specifications Single Elements

Type No.	Active Area		El. Sep. mm	Dark Current		Capacitance pF				Spectral Response Peak nm	Response Time			NEP $\text{WHz}^{-1/2}$		Vr Max.	Package
	mm ²	mm		nA	@ Vr	0V	10V	15V	20V		Min. μs	Typ. μs	@V	at 900 nm	Vr		
CD-1705	.88	.93 x .93	-	50	10	70	-	-	-	850	2	-	0	-	-	30	1
CD-11H	1.22	1.1 x 1.1	-	1	10	-	4	-	-	950	-	.100	15	-	-	30	4
CD-11HL	1.22	1.1 x 1.1	-	1	10	-	4	-	-	950	0.5	.100	15	-	-	30	4
CD-33H	2.7	1.6 x 1.6	-	30	10	-	60	-	-	950	-	.200	15	-	-	32	9
CD-33HL	2.7	1.6 x 1.6	-	50	10	-	60	-	-	950	-	.300	15	-	-	32	9
BPW34	7.	2.67 x 2.67	-	30	10	80	10	-	-	950	-	.350	10	6.3×10^{-13}	10	30	30
CD-1712	19.5	4.4 x 4.4	-	50	10	300	75	-	-	950	1.5	-	10	6.3×10^{-13}	10	30	2
CD-1700R/F	19.5	4.4 x 4.4	-	50	10	300	75	-	-	950	1.5	-	10	6.3×10^{-13}	10	30	2
CD-1701R/F	19.5	4.4 x 4.4	-	50	10	300	75	-	-	950	1.5	-	10	5.7×10^{-13}	10	30	2

Ultra High Speed

BPX65	1	1 x 1	-	5	20	15	-	-	4	900	-	3.5*	20	3.3×10^{-14}	20	50	Page 23
AX65-R2F	1	1 x 1	-	5	20	15	-	-	3.5	900	-	3.5*	20	3.3×10^{-14}	20	50	6

*Response Time is in nanoseconds.

Dual Element

CD-25T	2.3	4.6 x 0.5	.02	20	15	-	-	50	-	950	-	300	15	-	-	30	11
CD-33H-2D	9.0	3 x 3	0.3	10	1	-	50	-	-	950	0.2	200	15	-	-	30	11

Quadrants

CD-1515H-4D	.547	.74 x .74	.02	5	1	25	-	-	-	950	-	100	15	-	-	10	7
CD-33H-4D	1.49	1.23 x 1.23	.05	10	1	35	10	-	-	950	-	100	15	-	-	30	13

Completed technical data sheets for each device listed are available upon request.



CENTRONIC INC.
2088 Anchor Court
Newbury Park, CA 91320
805-499-5902 • FAX: 805-499-7770

For Sales and Technical Assistance Please Call:

805-499-5902

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