

The Data Book Project

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Optoelectronic devices

GaAs arrays

Multichip arrays, especially for coupling with analogue constructed detector arrays

Type	Fig. Nr.	Number of elements	Raster dimensions mm	Characteristics – electrical + optical					Spectral curve (see page 71)
				α	Φ_e at I_F mW	I_F mA	t_r at $I_F = 1$ A ns	t_f ns	
CQY 36/9 ¹⁾	16	9	2.54	80°	0.5 ³⁾	20	500	600	3
CQY 37/9 ¹⁾	17	9	2.54	25°	0.5 ³⁾	20	500	600	3
CQY 39	18	10	2.54	50°	0.5 ³⁾	50	100	100	2

Remarks: ¹⁾ The single diodes can be connected with any one; ³⁾ Effective radiant power

Photo switches

Type	Fig. Nr.	Application	Characteristics			Spectral curve (see page 71)
			α	I_{ca} mA	at E_A klx	
BPW 30	19	Darlington	25°	3	0.01	1
BPX 99	20	Darlington	25°	30	0.1	1

Data book reference: B 2 A

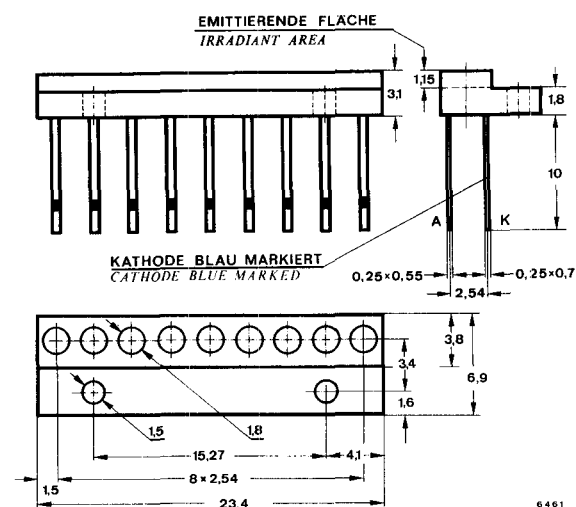


Fig. 16: Plastic case

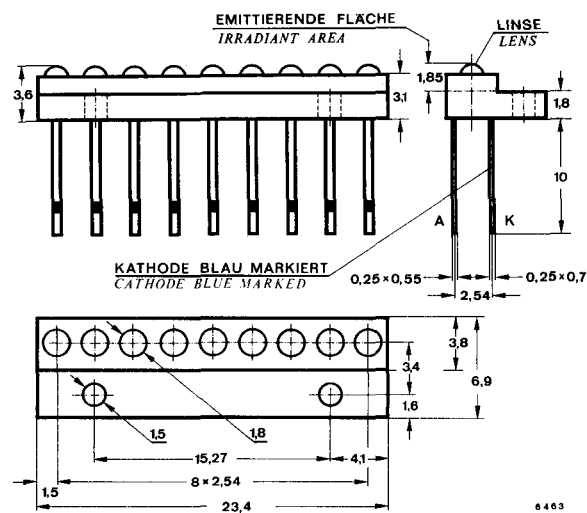


Fig. 17: Plastic case

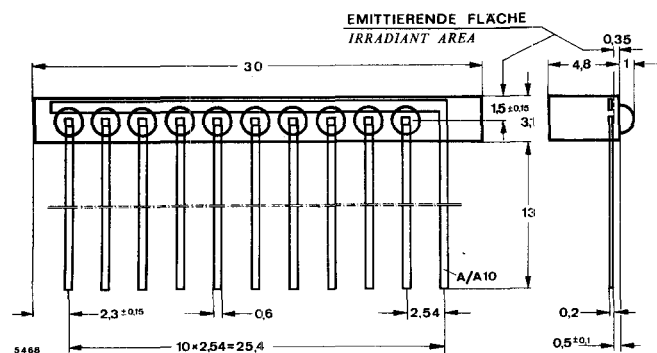


Fig. 18: Plastic case

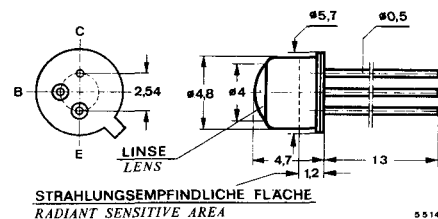


Fig. 20: 18 A 3 DIN 41876
JEDEC TO 18

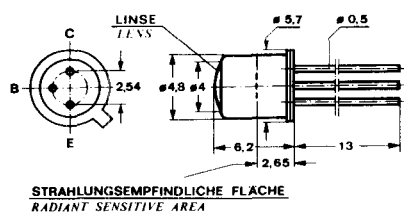


Fig. 19: 18 C 3 DIN 41876
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