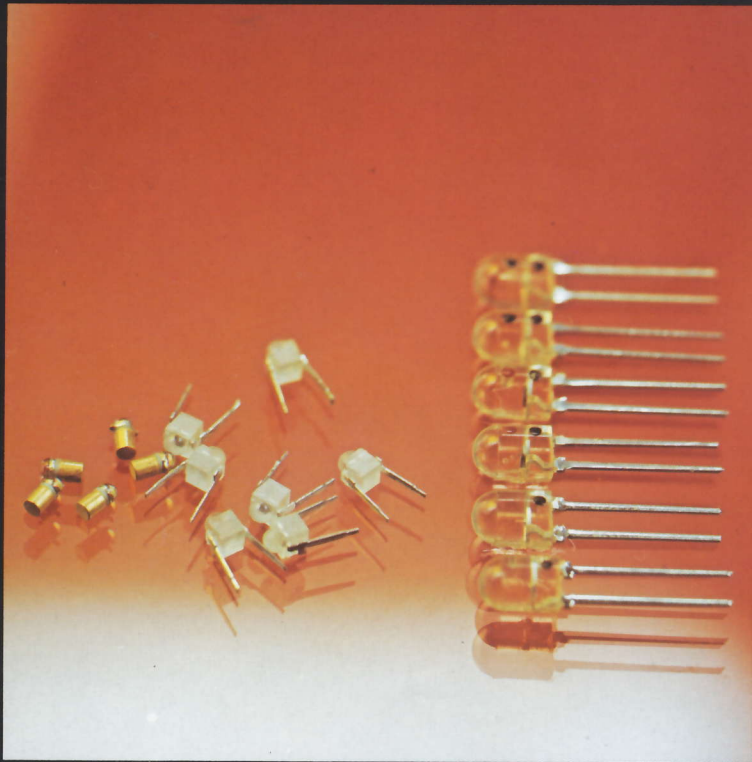


Infrared emitter diodes



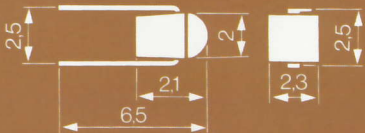
VQ 110



VQ 120



VQ 121



VQ 123: For outline drawing see VQA 17

Type	Casing	Parameters at $\vartheta_a = 25^{\circ}\text{C}$				Wave length at max. emission λ_p nm
		Forward voltage U_F V	Radiant intens. I_e $\mu\text{W/sr}$	Radiation output Φ_e at I_F mW mA		
VQ 110	plastic with lens	≤ 1.5	≥ 200		50	940
VQ 110 B	plastic with lens	≤ 1.5	≥ 800		50	940
VQ 110 C	plastic with lens	≤ 1.5	≥ 1800		50	940
VQ 120 A	metal-ceramics-glass	≤ 1.5		≥ 0.4	50	940
VQ 120 B	metal-ceramics-glass	≤ 1.5		≥ 0.7	50	940
VQ 120 C	metal-ceramics-glass	≤ 1.5		≥ 0.10	50	940
VQ 121 A	plastic with lens	≤ 1.5		≥ 0.8	50	940
VQ 121 B	plastic with lens	≤ 1.5		≥ 1.2	50	940
VQ 123*	plastic with lens	≤ 1.5	≥ 3000		50	940

* Interim technical data