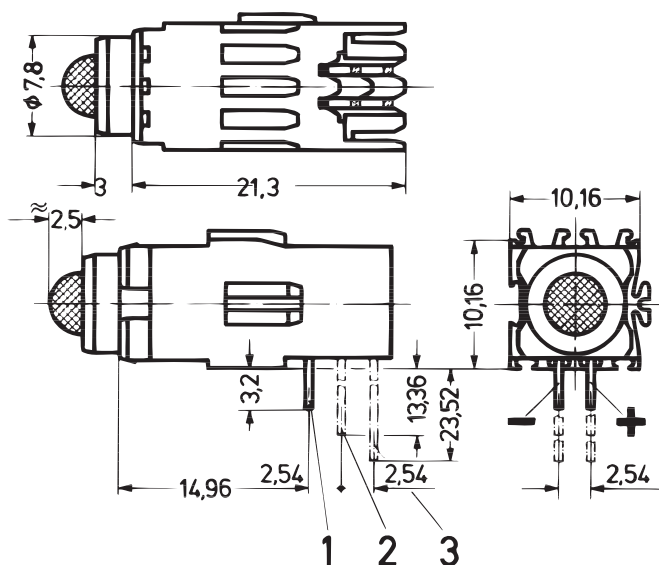


Front panel component system

Single LED, long type, Ø 5 mm



1, 2, 3 = mounting plane

A1-194

- Long type for mounting plane 1, 2 and 3

Order Information

Description	Colour	1	2	3
		Part no.	Part no.	Part no.
Low current LED	red	69004-250	69004-251	69004-252
Low current LED	yellow	69004-249	69004-256	69004-257
Low current LED	green	69004-253	69004-254	69004-255
Standard LED	red	69004-050	69004-051	69004-052
Standard LED	yellow	69004-056	69004-057	69004-058
Standard LED	green	69004-053	69004-054	69004-055

Delivery is exclusively in Standard Pack Quantity (SPQ): Please order at least 10 pieces or a multiple. Pricing is per individual item.

Note

- Dimensions of connecting pins:
0.5 × 0.5 mm (mounting plane 1)
0.63 × 0.63 mm (mounting planes 2 and 3)
- Required front panel drill hole: Ø 8 mm
- Technical data see page 11.17



For further information www.schroff.biz/oneclick
oneClick search code = Part no.

Front panel component system

Dimensions LEDs

A = standard LED

B = low current LED

Absolute maximum data T _a = 25 °C	A red, Ø 3.2 mm	B red, Ø 5 mm	A red, Ø 3.2 mm	B red, Ø 5 mm	A yellow, Ø 3.2 mm	B yellow, Ø 5 mm	A yellow, Ø 3.2 mm	B yellow, Ø 5 mm	A green, Ø 3.2 mm	B green, Ø 5 mm	A green, Ø 3.2 mm	B green, Ø 5 mm
Reverse voltage V	5	3	5	3	5	3	5	3	5	3	5	3
On-state current mA	25	30	25	30	25	30	25	30	25	30	25	30
Power dissipation mW	100	75	100	75	100	75	100	75	100	75	100	75
Forward current mA (t < 10 µs)	100	75	100	75	100	75	100	75	100	75	100	75
Forward voltage V – type (10 mA/2 mA)	2.1	2.1	2.1	2.1	2.1	2.2	2.1	2.2	2.1	2.2	2.1	2.2
– max. (10 mA/2 mA)	3	3	3	3	3	3	3	3	3	3	3	3
Luminous intensity mcd – at 2 mA	–	1.5	–	3.1	–	1.4	–	3.2	–	2	–	3.3
– at 10 mA ¹⁾	1.8	13.4	2.2	25.1	2.7	13.4	3.4	28.6	3.2	24.6	3.9	25.7
– at 20 mA ¹⁾	3.6	26.8	4.4	48.2	5.4	28.7	6.8	60.8	6.4	54.9	7.8	54.6
Wavelength nm (10 mA/2 mA)	635	650	635	650	585	585	585	585	565	563	565	563
Thermal resistance °C/W	400	470	350	390	400	470	350	390	400	470	350	390
Angle of reflected beam	± 50°											
Storage temperature	–55 ... +100 °C											
Operating temperature	–55 ... +100 °C (low-current LED)/–40 ... +85 °C (Standard-LED)											
Solder temperature	260 °C/max. 5 sec (processing advice for wave soldering: protect plastic body against solder wave)											
Insulating body	PBT (Crastin)											
Flammability of insulation body	UL 94 V-0											

1) The low current LEDs can be used from 2 to 20 mA (without reduction of lifespan), which means that a significantly higher luminosity can be achieved.