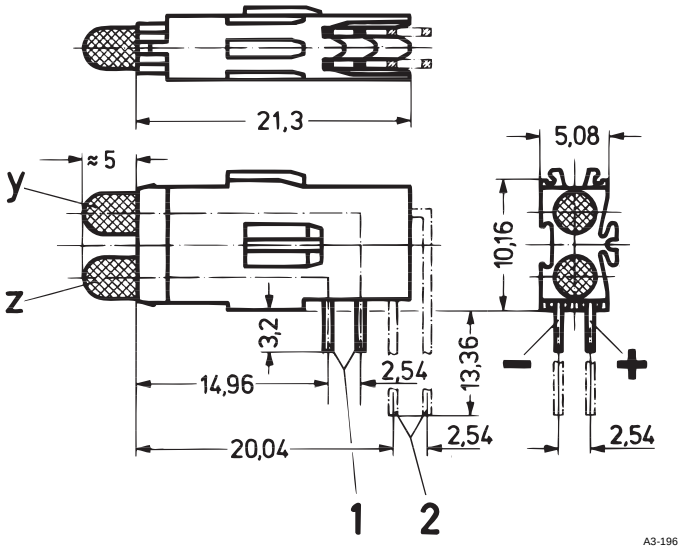
Double LED, long type, Ø 3.2 mm



1, 2 = mounting plane

- Long type for mounting plane 1 and 2

Order Information

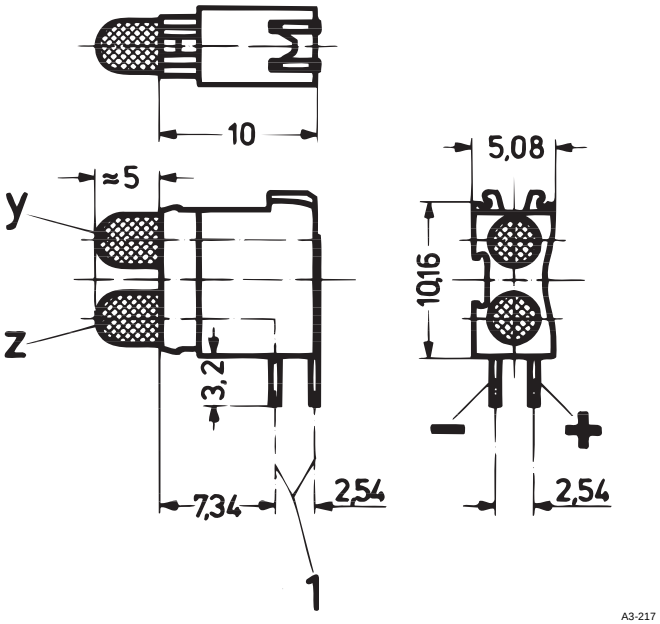
Description	Colour	1 Part no.	2 Part no.
Low current LED	red/red (Y/Z)	69004-274	69004-275
Low current LED	green/green (Y/Z)	69004-276	69004-277
Low current LED	yellow/yellow (Y/Z)	69004-278	69004-279
Low current LED	red/green (Y/Z)	69004-280	69004-281
Low current LED	red/yellow (Y/Z)	69004-282	–
Low current LED	yellow/green (Y/Z)	69004-284	–
Standard LED	red/red (Y/Z)	69004-068	69004-069
Standard LED	green/green (Y/Z)	69004-071	69004-072
Standard LED	yellow/yellow (Y/Z)	69004-074	69004-075
Standard LED	red/green (Y/Z)	69004-077	69004-078
Standard LED	red/yellow (Y/Z)	69004-080	–
Standard LED	yellow/green (Y/Z)	69004-083	–

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: 0.63 × 0.63 mm
- Required front panel drill hole: Ø 4 mm
- Technical data see page 11.17

Double LED, short type, Ø 3.2 mm



1 = mounting plane

- Short type for mounting plane 1

Order Information

Colour	Low current LED Part no.	Standard LED Part no.
red/red (Y/Z)	69004-286	69004-124
yellow/yellow (Y/Z)	69004-288	69004-126
green/green (Y/Z)	69004-287	69004-125
red/green (Y/Z)	69004-289	69004-127
red/yellow (Y/Z)	69004-290	69004-128
yellow/green (Y/Z)	69004-291	69004-129

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
- Required front panel drill hole: Ø 4 mm
- Technical data see page 11.17

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

Dimensions LEDs

A = standard LED
B = low current LED

Absolute maximum data **T_a = 25 °C**	**A** **red, Ø 3.2 mm**	**B**	**A** **red, Ø 5 mm**	**B**	**A** **yellow, Ø 3.2 mm**	**B**	**A** **yellow, Ø 5 mm**	**B**	**A** **green, Ø 3.2 mm**	**B**	**A** **green, Ø 5 mm**	**B**
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.