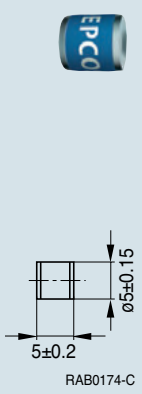
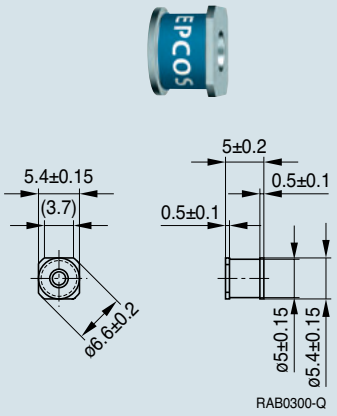
2-Electrode Arresters
2-Elektroden-Ableiter

Light-duty types
5 kA / 5 A • Ø 5 x 5 mm

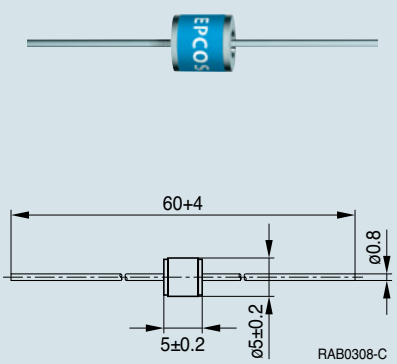
M50-...



M50-...SMD



M51-...



Type **Ordering code**	**M50-A75XSMD** on request **M51-A75X** B88069X6131C102	**M50-C90X** B88069X1590C253 **M50-C90XSMD** B88069X1640T902 **M51-C90X** B88069X5010C102	**M50-A230X** B88069X4600C253 **M50-A230XSMD** B88069X5520T902 **M51-A230X** B88069X2930C102	**M50-A350X** B88069X4630C253 **M50-A350XSMD** B88069X3770T902 **M51-A350X** B88069X4640C102	**M51-A600X** B88069X4590C102	
Nom. DC spark-over voltage V_{sdcN}	**75**	**90**	**230**	**350**	**600**	V
Tolerance of V_{sdcN}	± 20	± 20	± 20	± 20	–5/+30	%
Impulse spark-over voltage						
@ 100 V/µs 99% of measured values	< 350	< 550	< 550	< 800	< 1350	V
@ 100 V/µs typical values	< 300	< 500	< 500	< 750	< 1200	V
@ 1 kV/µs 99% of measured values	< 650	< 600	< 650	< 900	< 1500	V
@ 1 kV/µs typical values	< 550	< 550	< 600	< 800	< 1350	V
Nom. alternating discharge current @ 50 Hz, 1 s	5	5	5	5	5	A
Alternating discharge current @ 50 Hz, 9 cycles	10	10	10	10	10	A
Nom. impulse discharge current 10 operations 8/20 µs	5	5	5	5	5	kA
Single impulse discharge current [1] 1 operation 8/20 µs	10	10	10	10	10	kA
Impulse discharge current, 1 op. 10/350 µs	0.5	0.5	0.5	0.5	0.5	kA
Impulse discharge current, 300 op. 10/1000 µs	100	100	100	100	on request	A
Insulation resistance	> 1	> 1	> 1	> 1	> 1	GΩ
Capacitance @ 1 MHz	< 1	< 1	< 1	< 1	< 1	pF

1) After loading DC breakdown may exeed initial values but device will remain in a safe mode.

About packing see page 65.

Please read *Important notes* on page 4 and *Cautions and warnings* on page 69.
Bitte beachten Sie die Seite 4 *Wichtige Hinweise* sowie die *Warn- und Sicherheitshinweise* auf Seite 69.