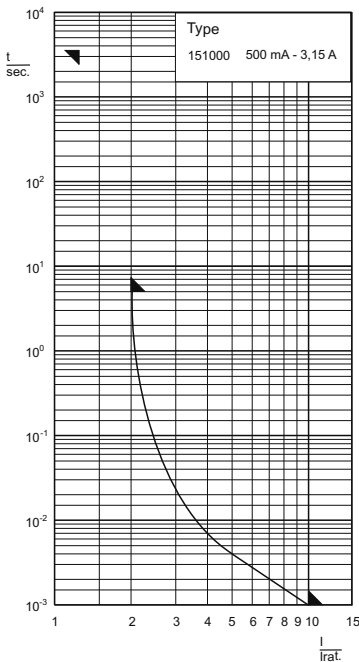


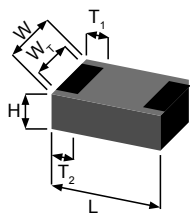
Type
151000



Zeit/Strom-Kennlinien
Time-Current Characteristics

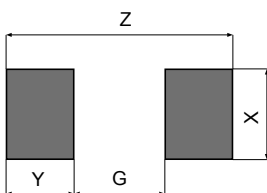


Abmessungen
Dimensions



H	0,32 ±0,05 mm
L	1,0 ±0,05 mm
W	0,5 ±0,05 mm
W _T	> 75% von/of W
T ₁	0,2 +0,1 / -0,15 mm
T ₂	0,2 ±0,1 mm

Empfohlene Anschlussflächen
Recommended pad layout



	Reflow	Reflow
G	0,25 mm	
X	0,55 mm	
Y	0,6 mm	
Z	1,45 mm	

Aufbau / Construction

Keramiksubstrat / ceramic substrate
Schmelzleiter gedruckt / printed fuse-element

Lötwärmebeständigkeit /
resistance to soldering heat: 260 °C, 10 s (Lötbad / solder bath)
(nach IEC 60068-2-58 / to IEC 60068-2-58) 260 °C, 10 s (reflow)

Vibration / vibration: IEC 60068-2-6
Isolationswiderstand / insulation resistance IEC 60127-4

Schmelzeitgrenzwerte / Fusing time limits

Bemessungsstrom Rated Current	1,25 I _n		2 I _n		2,75 I _n		4 I _n		10 I _n	
	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.
500 mA - 3,15 A	1 h	1 s	-	-	-	-	-	-	-	1 ms

UL 248-14	0402 1 x 0,5 mm	32 V	FF superflink very quick acting
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Artikel-Nr. Article-no.	Bemessungsstrom Rated Current	Bemessungs-Ausschaltvermögen Rated Breaking Capacity	Spannungsfall Voltage Drop	Kaltwiderstand Cold Resistance	Schmelzintegral I ² t _c Value	Kennzeichnung Marking	Approbationen Approvals
			mV	mΩ	A ² s		UL rec.
151000.0,5	500 mA	50 A @ DC 32 V	420	640	0,0009		✓
151000.0,63	630 mA	50 A @ DC 32 V	331	400	0,0014		✓
151000.0,75	750 mA	50 A @ DC 32 V	275	280	0,002		✓
151000.0,8	800 mA	50 A @ DC 32 V	231	220	0,0023		✓
151000.1	1 A	50 A @ DC 32 V	184	140	0,0028		✓
151000.1,25	1,25 A	50 A @ DC 32 V	159	97	0,0039		✓
151000.1,5	1,5 A	50 A @ DC 32 V	146	74	0,0059		✓
151000.1,6	1,6 A	50 A @ DC 32 V	136	65	0,0065		✓
151000.1,75	1,75 A	50 A @ DC 32 V	124	54	0,0077		✓
151000.2	2 A	50 A @ DC 32 V	115	44	0,0101		✓
151000.2,5	2,5 A	50 A @ DC 32 V	107	33	0,0157		
151000.3	3 A	50 A @ DC 32 V	95	24	0,0227		
151000.3,15	3,15 A	50 A @ DC 32 V	90	22	0,025		

Type	Abk. Abbr.	Beschreibung Description
151000	GT-1K	1.000 Stück gegurtet / 1.000 pieces on tape
	GT-5K	5.000 Stück gegurtet / 5.000 pieces on tape
	GT-10K	10.000 Stück gegurtet / 10.000 pieces on tape
z.B./ e.g.		151000.0,75GT-1K