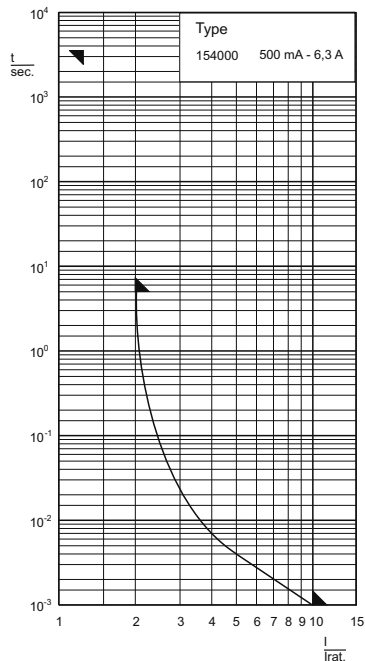


**Type 154000**



**Zeit/Strom-Kennlinien**  
Time-Current Characteristics



**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)

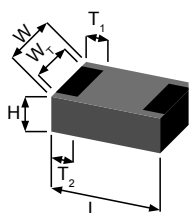
Vibration / vibration: IEC 60068-2-6  
Isolationswiderstand / insulation resistance IEC 60127-4

**Schmelzeitgrenzwerte / Fusing time limits**

Bemessungsstrom Rated Current	1 I <sub>n</sub>		1,25 I <sub>n</sub>		2 I <sub>n</sub>		3 I <sub>n</sub>		10 I <sub>n</sub>	
	min.	min.	min.	max.	min.	max.	min.	max.	min.	max.
250 mA - 375 mA	1 h	-	-	5 s	-	200 ms	-	-	-	-
500 mA - 6,3 A	-	1 h	-	5 s	-	-	-	-	-	1 ms

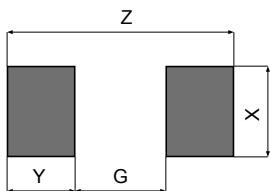
UL 248-14 IEC 60127-4	<b>1206</b> 3,2 x 1,6 mm	63 V	FF superflink very quick acting
--------------------------	-----------------------------	------	---------------------------------------

**Abmessungen**  
Dimensions



H	0,55 ±0,1 mm
L	3,2 +0,1 / -0,2 mm
W	1,6 ±0,15 mm
W <sub>T</sub>	> 75% von/of W
T <sub>1</sub>	0,5 ±0,25 mm
T <sub>2</sub>	0,3 ±0,25 mm

**Empfohlene Anschlussflächen**  
Recommended pad layout



Lötung Soldering	Reflow Reflow	Welle Wave
G	1,5 mm	1,5 mm
X	1,75 mm	1,9 mm
Y	1,25 mm	1,6 mm
Z	4,0 mm	4,7 mm

Artikel-Nr. Article-no.	Bemessungs- strom Rated Current	Bemessungs- Ausschaltvermögen Rated Breaking Capacity	Spannungsfall Voltage Drop	Kalt- widerstand Cold Resistance	Schmelz- integral I <sup>2</sup> t <sub>z</sub> Value	Kenn- zeichnung Marking	Approbationen Approvals
			mV	mΩ	A <sup>2</sup> s		UL rec. VDE
154000.0,25	250 mA		310	880	0.0001		listed
154000.0,375	375 mA		260	470	0.0004		listed
154000.0,5	500 mA	50 A @ DC 63 V <sup>2)</sup>	433	660	0.0009	F	✓ ✓
154000.0,63	630 mA	50 A @ DC 63 V	372	450	0.0014	CT	✓ ✓
154000.0,75	750 mA	50 A @ DC 63 V	325	330	0.0022	G	✓ ✓
154000.0,8	800 mA	50 A @ DC 63 V	273	260	0.0023	CV	✓ ✓
154000.1	1 A	50 A @ DC 63 V <sup>2)</sup>	262	200	0.0028	H	✓ ✓
154000.1,25	1,25 A	50 A @ DC 63 V	230	140	0.0041	J	✓ ✓
154000.1,5	1,5 A	50 A @ DC 63 V	207	105	0.0059	K	✓ ✓
154000.1,6	1,6 A	50 A @ DC 63 V <sup>2)</sup>	168	80	0.0066	EF	✓ ✓
154000.1,75	1,75 A	50 A @ DC 63 V	174	76	0.0077	L	✓ ✓
154000.2	2 A	50 A @ DC 63 V <sup>2)</sup>	181	69	0.0102	N	✓ ✓
154000.2,5	2,5 A	50 A @ DC 63 V	161	49	0.0159	O	✓ ✓
154000.3	3 A	50 A @ DC 63 V	173	44	0.0229	P	✓ ✓
154000.3,15	3,15 A	50 A @ DC 63 V <sup>2)</sup>	153	37	0.0251	EL	✓ ✓
154000.3,5	3,5 A	50 A @ DC 63 V	161	35	0.0310	R	✓ ✓
154000.4	4 A	50 A @ DC 63 V	147	28	0.0404	S	✓ ✓
154000.5	5 A	50 A @ DC 63 V	131	20	0.2275	T	✓ ✓
154000.6,3	6,3 A	50 A @ DC 63 V	116	14	0.516	ET	✓ ✓

<sup>1)</sup> 50 A @ DC 63 V und 100 A @ AC 125 V  
<sup>2)</sup> 50 A @ DC 50 V mit/with VDE Approbation/approval

Type	Abk. Abbr.	Beschreibung Description
154000	GT-1K	1.000 Stück gegurtet / 1.000 pieces on tape
	GT-5K	5.000 Stück gegurtet / 5.000 pieces on tape
	GT-20K	20.000 Stück gegurtet / 20.000 pieces on tape
z.B./ e.g.		154000.6,3GT-5K