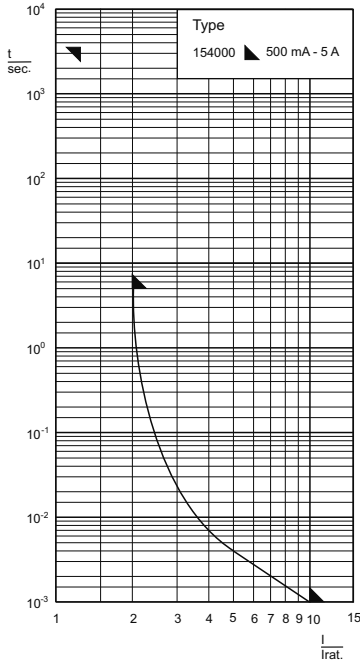


Type 154000



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

Verpackung / Packing

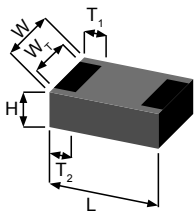
1000 Stück gegurtet / pieces on tape (GT-1K)
5000 Stück gegurtet / pieces on tape (GT-5K)
20000 Stück gegurtet / pieces on tape (GT-20K)

Schmelzzeitgrenzwerte / Fusing time limits

Bemessungsstrom Rated Current	1 I _n		1,25 I _n		2 I _n		3 I _n		10 I _n	
	min.	min.	min.	max.	min.	max.	min.	max.	min.	max.
250 mA - 375 mA	1 h	-	-	5 s	-	200 ms	-	-	-	-
500 mA - 5 A	-	1 h	-	5 s	-	-	-	-	-	1 ms

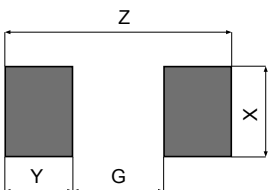
UL 248-14 IEC 60127-4	1206 3,2 x 1,6 mm	63 V	FF superflink very quick acting
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Abmessungen
Dimensions



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

Bemessungs- strom Rated Current	Bemessungs- Ausschaltvermögen Rated Breaking Capacity	Spannungsfall Voltage Drop	Kaltwiderstand Cold Resistance	Schmelzintegral I ² t ₅ Value	Kenn- zeichnung Marking	Approbationen Approvals	
						UL rec.	VDE
250 mA	1)	310	880	0.0001		listed	
375 mA		260	470	0.0004	listed		
500 mA	50 A @ DC 63 V	440	670	0.0009	F	✓	✓
630 mA	50 A @ DC 63 V	366	440	0.0014	CT	✓	
750 mA	50 A @ DC 63 V	327	330	0.0022	G	✓	
800 mA	50 A @ DC 63 V	290	260	0.0023	CV	✓	
1 A	50 A @ DC 63 V	264	200	0.0028	H	✓	✓
1,25 A	50 A @ DC 63 V	231	140	0.0041	J	✓	
1,5 A	50 A @ DC 63 V	208	105	0.0059	K	✓	
1,6 A	50 A @ DC 63 V	180	80	0.0066	EF	✓	✓
1,75 A	50 A @ DC 63 V	176	76	0.0077	L	✓	
2 A	50 A @ DC 63 V	182	69	0.0102	N	✓	✓
2,5 A	50 A @ DC 63 V	162	49	0.0159	O	✓	
3 A	50 A @ DC 63 V	143	36	0.0229	P	✓	
3,15 A	50 A @ DC 63 V	137	33	0.0251	EL	✓	✓
3,5 A	50 A @ DC 63 V	129	30	0.0310	R	✓	
4 A	50 A @ DC 63 V	132	28	0.0404	S	✓	
5 A	50 A @ DC 63 V	180	24	0.0631	T		

1) 50 A @ DC 63 V und 100 A @ AC 125 V