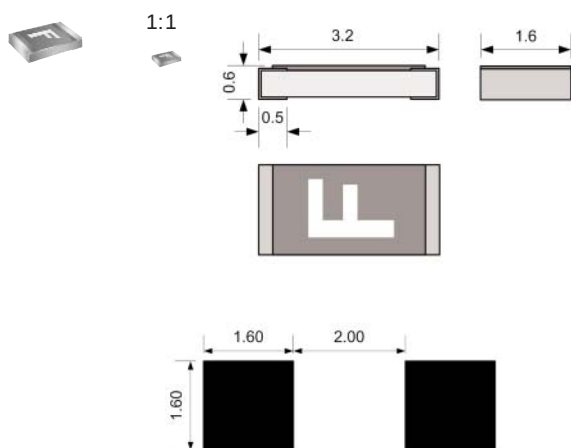


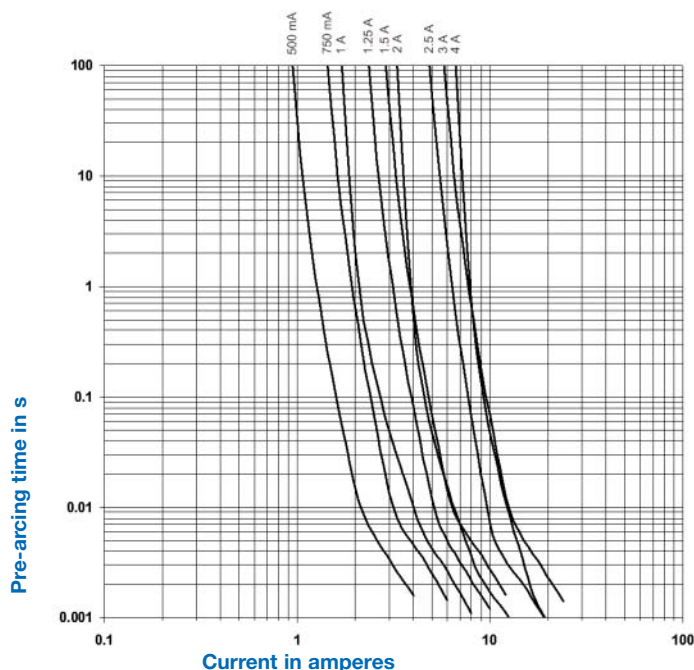
**Surface
Mount Fuses
Type USF 1206**
super-quick-acting

directly solderable on
printed circuit boards



Recommended land pattern for
reflow solder
Empfohlene Anschlussflächen für
Reflowlötten

Typical time/current characteristic curves at 23°C



**Pre-arcing time/current
characteristic (at T_a 23 °C)**

(bei T_u 23 °C)

Standards
UL 248-1 / 248-14

$n \cdot I_n$	$1 \cdot I_n$	$2 \cdot I_n$
Rated current I_n	min. 4 h	max. 60 s
500 mA – 4 A		

Approvals



Order No	Rated current I_n	Marking	Rated voltage U_n	Breaking capacity	Voltage drop at I_n		Cold resistance	Pre-arcing I^2t at $8 \times I_n$	Approvals
					typ. mV	max. mV			
			U_n VAC / VDC				typ. mOhm	typ. A²s	
3413.0113.XX	500 mA	F	32 / 63	50 A/32 VAC at power factor > 0.95	100	140	190.0	0.02	•
3413.0114.XX	750 mA	G	32 / 63		100	140	120.0	0.05	
3413.0115.XX	1 A	H	32 / 63		100	140	84.0	0.07	
3413.0116.XX	1.25 A	J	32 / 63		100	140	48.0	0.12	
3413.0117.XX	1.5 A	K	32 / 63		100	140	41.5	0.24	
3413.0119.XX	2 A	N	32 / 63	50 A/63 VDC	85	120	35.0	0.13	•
3413.0120.XX	2.5 A	O	32 / 63		85	120	20.5	0.35	
3413.0121.XX	3 A	P	32 / 63		85	120	17.0	0.80	
3413.0123.XX	4 A	S	32 / 63		80	100	14.0	0.30	

.XX Packaging index

All measurements are carried out on a test board referring to IEC 60127-4 with 5 mm track.

Technical data and packaging

Type USF 1206

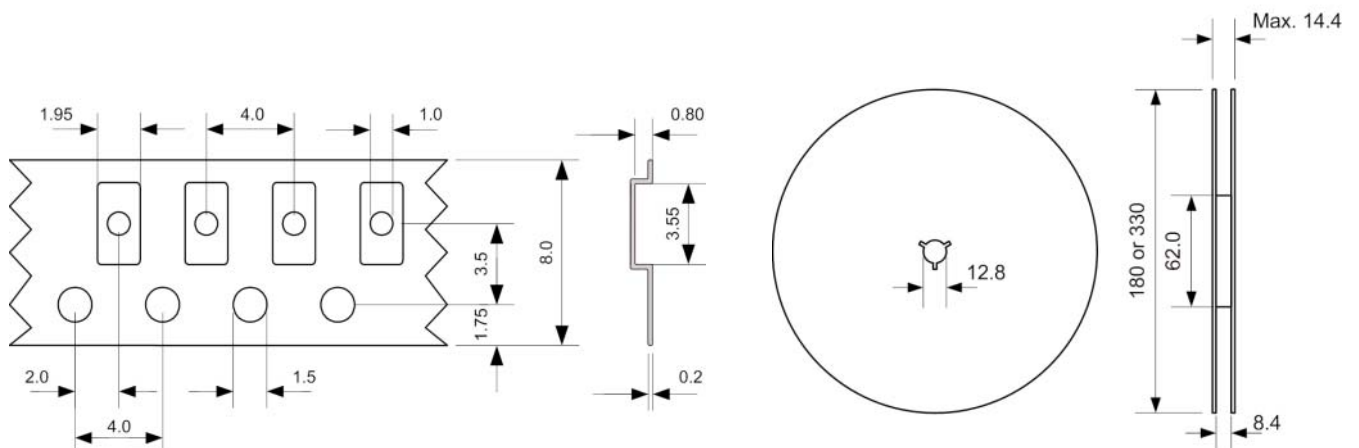
Additional technical data

Ambient temperature max. T_a	-55 °C to +90 °C
Permissible continuous operating current at 23 °C	$0,7 \cdot I_n$
Climatic category	55/090/21 according to IEC 60068-1
Solderability (Reflow- soldering)	according to IEC 60127-4, 8.6.2 (215°C, 3 sec. according to IEC 60068-2-58)
Soldering heat resistance	according to IEC 60127-4, 8.7.2 (260°C, 10 sec. according to IEC 60068-2-58)
Fuse-link temperature rise	≤ 75 K (UL/CSA) trackwidth: 5 mm ≤ 75 K (UL/CSA) according to IEC 60127-4
Storage temperature max.	40 °C at 70% r. H. / r. F.
Materials Housing Terminals	Glass epoxy Cu / Sn
Net weight pieces %	0,6 g

Packaging

Tape	Type USF 1206
Taped and reeled 1000 pieces	reel diameter 180 mm 3413.XXXX.22
Taped and reeled 5000 pieces	reel diameter 180 mm 3413.XXXX.24
Taped and reeled 15000 pieces	reel diameter 330 mm 3413.XXXX.26

Blister tape and reel, according to EIA-RS481 (similar to IEC 60286-3)



All dimensions are in mm