



















Style	Surface Mount Fuse	Surface Mount Fuse	Surface Mount Fuse	Surface Mount Fuse
Dimensions	1.6 x 0.8 mm	3.2 x 1.6 mm	3.2 x 1.6 mm	10.1 x 3 mm
Product picture				
Type	USF 0603	USF 1206	MGA	UMT 250
Rated Voltage	32 VAC/DC	32/63 VAC/DC	32 - 125 VAC/DC	250/125 VAC/DC
Rated Current	0.5 - 5 A	0.375 - 4 A	0.2 - 5 A	0.315 - 4 A
Breaking Capacity	50 A	50 A	50 A	200 A
Comment			ESA approved type on request	
Characteristic	Super-Quick-Acting FF	Super-Quick-Acting FF	Super-Quick-Acting FF	Time-Lag T
Approvals	 CCC	 CCC	 CCC	    
Catalogue page	xxx	xxx	xxx	xxx

Style	Surface Mount Fuse	Surface Mount Fuse	Surface Mount Fuse	Surface Mount Fuse
Dimensions	7 x 2 mm	7 x 2.54 mm	7 x 2 mm	7 x 2.54 mm
Product picture				
Type	172876	MKF	MSB	MKT
Rated Voltage	63 - 125 VAC/DC	63 - 125 VAC/DC	65 - 125 VAC/DC	65 - 125 VAC/DC
Rated Current	0.063 - 15 A	0.063 - 15 A	0.75 - 15 A	2 - 15 A
Breaking Capacity	300 A	300 A	50 A - 150 A	50 A - 150 A
Comment				
Characteristic	Quick-Acting F	Quick-Acting F	Time-Lag T	Time-Lag T
Approvals				
Catalogue page	xxx	xxx	xxx	xxx

Style	Surface Mount Fuse	Surface Mount Fuse	Surface Mount Fuse	Surface Mount Fuse
Dimensions	7.4 x 3.1 mm	12 x 5.2 mm	7.4 x 3.1 mm	12 x 5.2 mm
Product picture				
Type	OMF 63	OMK 63	OMF 125	OMK 125
Rated Voltage	63 VAC/DC	63 VAC/DC	125 VAC/DC	125 VAC/DC
Rated Current	0.063 - 10 A	0.063 - 5 A	0.063 - 10 A	0.063 - 5 A
Breaking Capacity	50 A	50 A	100 A	100 A
Comment				
Characteristic	Quick-Acting F	Quick-Acting F	Quick-Acting F	Quick-Acting F
Approvals	  CCC	CCC	 CCC	CCC
Catalogue page	xxx	xxx	xxx	xxx

UMT 250



IEC 60127-4 · 250/125 VAC/DC · Time-Lag T

**Description**

- Directly solderable on printed circuit boards

Standards

- IEC 60127-4
- UL 248-14
- CSA C22.2 no. 248.14

Approvals

- VDE License Number: 40013121
- UL File Number: E41599

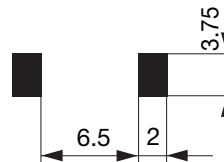
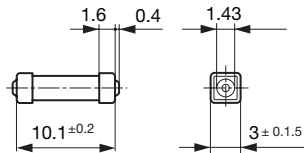
Technical Data

Rated Voltage	250/125 VAC/DC
Rated Current	0.315 - 4 A
Breaking Capacity	200 A
Characteristic	Time-Lag T
Mounting	PCB,SMT
Admissible Ambient Air Temp.	-40 °C to 85 °C
Climatic Category	40/085/21 acc. to IEC 60068-1
Material: Housing	Ceramic
Material: Terminals	Tin-Plated Copper Alloy
Unit Weight	0.23 g
Stock Conditions	0 °C to 60 °C, max. 70% r.h.
Product Marking	Current Rating, Voltage Rating, Characteristic, Breaking Capacity

Soldering Methods	Reflow, Wave
Solderability	245 °C / 3 sec acc. to IEC 60068-2-58, Test Td
Resistance to Soldering Heat	260 °C / 10 sec acc. to IEC 60068-2-58, Test Td
Flammability	min. UL 94V-1 (acc. to EIA/IS-722, Test 4.12)

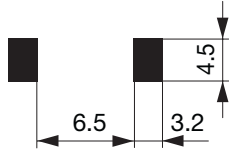
Dimensions

Length 10.1 mm



Solder pads reflow soldering

UMT 250



Solder pads wave soldering

Pre-Arcing Time

Rated Current I_n	1.25 x I_n min.	2.0 x I_n max.	10.0 x I_n min.	10.0 x I_n max.
0.315 A - 4 A	60 min	2 h	10 ms	100 ms

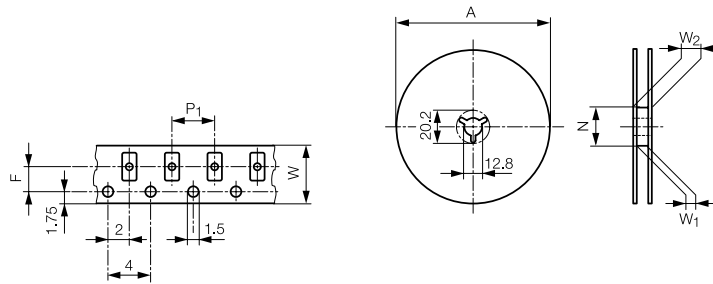
Variants

Order Number	Rated Current [A]	Rated Voltage [V]	Rated Voltage [VDC]	Breaking Capacity	Voltage Drop 1.0 I_n max [mV]	Voltage Drop 1.0 I_n typ [mV]	Power Dissipation 1.25 I_n typ [mW]	Melting I^2t 10.0 I_n typ [A ² s]	
3403.0161.xx	0.315	250	125	1)	750	343	500	0.27	● ● ● ● ●
3403.0162.xx	0.4	250	125	1)	700	290	500	0.4	● ● ● ● ●
3403.0163.xx	0.5	250	125	1)	600	257	500	0.54	● ● ● ● ●
3403.0164.xx	0.63	250	125	1)	500	216	500	1.1	● ● ● ● ●
3403.0165.xx	0.8	250	125	1)	400	190	500	1.4	● ● ● ● ●
3403.0166.xx	1	250	125	1)	300	164	500	2.8	● ● ● ● ●
3403.0167.xx	1.25	250	125	1)	300	138	1000	4.5	● ● ● ● ●
3403.0168.xx	1.6	250	125	1)	300	124	1000	6.9	● ● ● ● ●
3403.0169.xx	2	250	125	1)	300	106	1000	7.3	● ● ● ● ●
3403.0170.xx	2.5	250	125	1)	300	124	1200	7.5	● ● ● ● ●
3403.0171.xx	3.15	250	125	1)	300	99	1500	14	● ● ● ● ●
3403.0172.xx	4	250	125	1)	300	78	2000	26	● ● ● ● ●

1) IEC: 200 A @ 250 VAC, p.f. ≥ 0.95 / 200 A @ 277 VAC

1) UL: 200 A @ 277 VAC / 100 A @ 125 VDC / 35 A @ 250 VDC

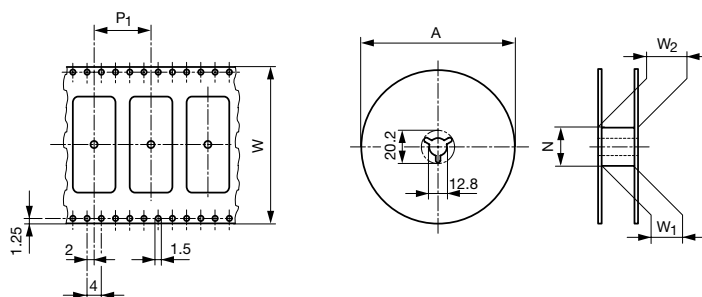
Packaging Unit .11 Plastic Bag (100 pcs.)
.24 Blister Tape 33 cm Reel (2000 pcs.)



Blister tape and Reel Dimensions

according to IEC 60286-3

Type	P1 [mm]	F [mm]	W [mm]	N [mm]	W1 [mm]	W2 [mm]	A							
							750 Pcs.	1000 Pcs.	1500 Pcs.	2000 Pcs.	3000 Pcs.	5000 Pcs.	10000 Pcs.	15000 Pcs.
USF 0603	4	3.5	8	62	8.4	14.4	180 mm							
USF 1206	4	3.5	8	62	8.4	14.4	180 mm							
MGA	4	3.5	8	62	8.4	14.4	180 mm			180 mm				330 mm
UMT 250	8	11.5	24	62	24.4	30.4	330 mm							
172876	4	5.5	12	62	12.4	18.4	180 mm			330 mm				
MKF	4	5.5	12	62	12.4	18.4	180 mm [500 Pcs.]		180 mm					
MSB	4	5.5	12	62	12.4	18.4	180 mm			330 mm				
MKT	4	5.5	12	62	12.4	18.4	180 mm [500 Pcs.]		180 mm					
OMF 63	8	7.5	16	62	16.4	22.4	180 mm			330 mm				
OMK 63	8	11.5	24	62	24.4	30.4	330 mm							
OMF 125	8	7.5	16	62	16.4	22.4	180 mm			330 mm				
OMK 125	8	11.5	24	62	24.4	30.4	180 mm		330 mm					
OMT 125	8	7.5	16	62	16.4	22.4	180 mm			330 mm				
OMZ 125	8	11.5	24	62	24.4	30.4	180 mm		330 mm					
OMF 250	8	11.5	24	62	24.4	30.4	330 mm							
OMT 250	8	11.5	24	62	24.4	30.4	330 mm							
TF 600	8	11.5	24	62	24.4	30.4	330 mm							
OSU 125	8	7.5	16	62	16.4	22.4	180 mm			330 mm				
OSU 250	8	11.5	24	62	24.4	30.4	330 mm							
OMH 125	8	11.5	24	62	24.4	30.4	180 mm		330 mm					
PFNF	4	3.5	8	62	8.4	14.4	180 mm							
PFMF	8	5.5	12	62	12.4	18.4	180 mm		180 mm					
PFDF	8	7.5	16	62	16.4	22.4	360 mm							
PFSM	8/12	7.5	16	62	16.4	22.4	360 mm		360 mm					
PFHT	8/12	7.5	16	62	16.4	22.4	360 mm		360 mm					



Blister tape and Reel Dimensions

according to IEC 60286-3

Type	P1 [mm]	W [mm]	N [mm]	W1 [mm]	W2 [mm]	A		
						250 Pcs.	400 Pcs.	2000 Pcs.
SMD-FST	8	32	100	32.4	38.4	380 mm		
SMD-SPT	8	32	100	32.4	38.4	380 mm		
SMD-FTT	8	32	100	32.4	38.4	380 mm		
OGN-SMD	16	44	100	44.4	50.4	380 mm		
FPG7	16	56	150	56.4	62.4	380 mm		