

















Style	Surface Mount Fuse	Surface Mount Fuse	Surface Mount Fuse	Subminiature Fuse
Dimensions	10.1 x 3.22 mm	7.4 x 3.1 mm	11 x 4.6 mm	6.4 x 6.4 mm
Product picture				
Type	TF 600	OSU 125	OSU 250	MSU 125
Rated Voltage	600 VAC	125 VAC/DC	250 VAC/DC	125 VAC/DC
Rated Current	0.5 - 2 A	0.25 - 3.15 A	0.25 - 3.15 A	0.25 - 3.15 A
Breaking Capacity				
Comment	GR-1089-CORE and UL 60950			
Characteristic	Time-Lag T	Quick-Acting F	Quick-Acting F	Quick-Acting F
Approvals	 CCC	 CCC	   CCC	 CCC
Catalogue page	xxx	xxx	xxx	see WEB

Style	Subminiature Fuse	Miniature Fuse	Miniature Fuse
Dimensions	8.5 x 8.5 mm	5 x 20 mm	5 x 20 mm
Product picture			
Type	MSU 250	FSU 5x20	SSU 5x20
Rated Voltage	250 VAC/DC	250 VAC	250 VAC
Rated Current	0.25 - 3.15 A	0.25 - 3.15 A	0.25 - 3.15 A
Breaking Capacity			
Comment			
Characteristic	Time-Lag T	Time-Lag T	Time-Lag T
Approvals	  	 	  
Catalogue page	xxx	see WEB	see WEB

TF 600



GR-1089-CORE · 600 VAC · Time-Lag T



Standards

- IEC 60127-4
- UL 248-14
- CSA C22.2 no. 248.14
- GR-1089-CORE
- UL 60950
- ITU-T K.20 and K.21
- TIA-968-A

Applications

- xDSL and ADSL linecards and modems
- Twisted pair telecom ports requiring Telcordia GS-1089, UL 60950 or ITU compliance

Approvals

- UL File Number: E41599

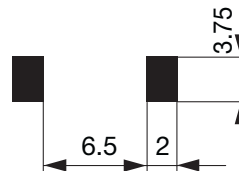
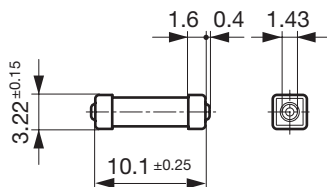
Technical Data

Rated Voltage	600 VAC
Rated Current	0.5 - 2 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	□ Type, Current Rating, Characteristic

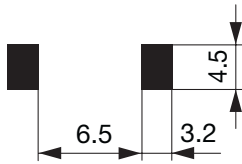
Soldering Methods	Reflow
Solderability	245 °C / 3 sec acc. to IEC 60068-2-58, Test Td
Resistance to Soldering Heat	260 °C / 10 sec acc. to IEC 60068-2-58, Test Td
Flammability	min. UL 94V-1 (acc. to EIA/IS-722, Test 4.12)

Dimensions

Length  10.1 mm



Solder pads reflow soldering

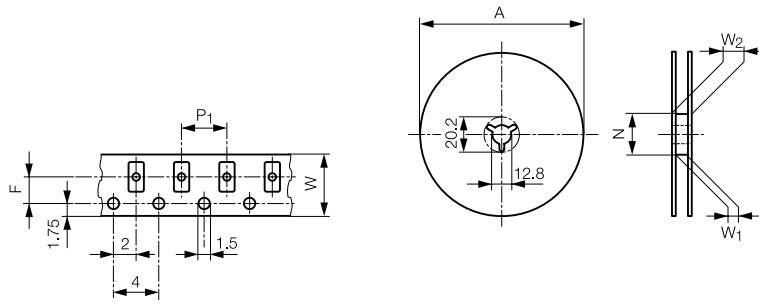
TF 600

Solder pads wave soldering

Variants

Order Number	Rated Current [A]	Rated Voltage [V]	Voltage Drop 1.0 In typ [mV]	Cold Resistance typ [mΩ]	Melting I ² t 10.0 In typ [A ² s]	Telcordia Surge [A]	UL60950	ITU - Lightning Surge [A]	ITU - Power Induc-	ITU - Power Contact
2000.0010.xx	0.5	600	107	210	1.14	22	●	26	●	60.0
2000.0011.xx	1.25	600	94	73.2	21.4	100	●	67	●	60.0
2000.0012.xx	2	600	55	27.8	22.3	100	●	67	●	60.0

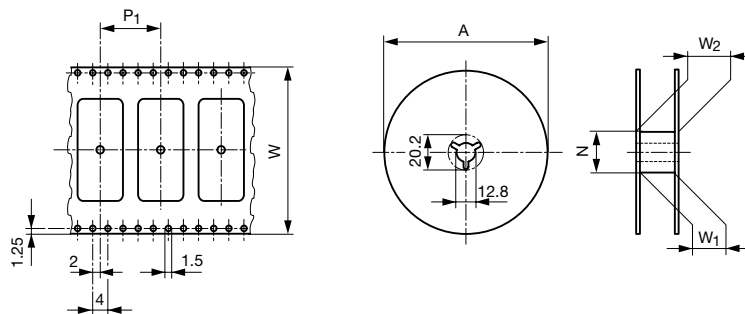
Packaging Unit .11 Plastic Bag (100 pcs.)
 .24 Blister Tape 33 cm Reel (2000 pcs.)



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.	A 1000 Pcs.	A 1500 Pcs.	A 2000 Pcs.	A 3000 Pcs.	A 5000 Pcs.	A 10000 Pcs.	A 15000 Pcs.
USF 0603	4	3.5	8	62	8.4	14.4		180 mm				180 mm		330 mm
USF 1206	4	3.5	8	62	8.4	14.4		180 mm				180 mm		330 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.	A 400 Pcs.	A 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		