



Product Service

CERTIFICATE

No. B 105791 0004 Rev. 00

Holder of Certificate: Fujian Qiaoguang Electronic Technology Co., Ltd.

No.21, Dayang Road, Xiyuan Town
361000 Zhangping City, Fujian Province
PEOPLE'S REPUBLIC OF CHINA

Certification Mark:



Product: Varistor

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition, the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the Testing, Certification, Validation and Verification Regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 64105253114501

Valid until: 2030-07-28

Date, 2025-07-29

(Martin Ma)

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Model(s):

FTR07D151K#, FTR07D181K#,
FTR07D201K#, FTR07D221K#,
FTR07D241K#, FTR07D271K#,
FTR07D301K#, FTR07D331K#,
FTR07D361K#, FTR07D391K#,
FTR07D431K#, FTR07D471K#,
FTR07D511K#, FTR07D561K#,
FTR07D621K#, FTR07D681K#,
FTR07D751K#, FTR07D781K#,
FTR07D821K#

- Business code. May be from A to Z or 0 to 9 or
"-" separator or blank multi-character
combinations.

Parameters:

Parameter concerns	Specification for components
Insulation voltage:	AC2500V
Class current (8/20 μ s):	10A
Climatic category:	40/125/42
Flame class:	V-0

Tested according to:

IEC 61051-1:2018
IEC 61051-2:2021
IEC 61051-2-2:1991

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Parameters:

Electrical Rating table

Type	Maximum continuous voltage(V)		Leakage Current (μ A) (Max.)	Nominal varistor voltage (V)	Reference current (mA)	Clamping Voltage (Max. V)	Maximum Peak Current (A)			Energy (10/100 0 μ s) (Max.)	Capacitance (Typical) pF
	A.C	D.C	I_L	V_N	I_R	V_C	8/20 μ s			J	C
							1 time	2 time	10 time		
FTR07D151 K#	95	125	≤ 20	150	1	250	1750	1200	1000	15	330
FTR07D181 K#	115	150	≤ 20	180	1	300	1750	1200	1000	16	280
FTR07D201 K#	130	170	≤ 20	200	1	340	1750	1200	1000	17	250
FTR07D221 K#	140	180	≤ 20	220	1	360	1750	1200	1000	20	230
FTR07D241 K#	150	200	≤ 20	240	1	395	1750	1200	1000	21	210
FTR07D271 K#	175	225	≤ 20	270	1	455	1750	1200	1000	24	185
FTR07D301 K#	190	250	≤ 20	300	1	500	1750	1200	1000	26	165
FTR07D331 K#	210	275	≤ 20	330	1	550	1750	1200	1000	28	150
FTR07D361 K#	230	300	≤ 20	360	1	595	1750	1200	1000	32	140
FTR07D391 K#	250	320	≤ 20	390	1	650	1750	1200	1000	35	130
FTR07D431 K#	275	350	≤ 20	430	1	710	1750	1200	1000	40	115
FTR07D471 K#	300	385	≤ 20	470	1	775	1750	1200	1000	42	105
FTR07D511 K#	320	415	≤ 20	510	1	845	1750	1200	1000	45	100
FTR07D561 K#	350	460	≤ 20	560	1	925	1750	1200	1000	50	90
FTR07D621 K#	385	505	≤ 20	620	1	1025	1750	1200	1000	55	80
FTR07D681 K#	420	560	≤ 20	680	1	1120	1750	1200	1000	60	75
FTR07D751 K#	460	615	≤ 20	750	1	1240	1750	1200	1000	65	70
FTR07D781 K#	485	640	≤ 20	780	1	1290	1750	1200	1000	70	65
FTR07D821 K#	510	670	≤ 20	820	1	1355	1750	1200	1000	73	60