



# CERTIFICATE OF PRODUCT CERTIFICATION

CERTIFICATE NO.: CQC20001268175

Valid from: Dec.13,2022

Valid until: Dec.12,2027

**NAME AND REGISTERED ADDRESS OF THE APPLICANT** Fujian Qiaoguang Electronic Technology co.,ltd.  
No.21,Dayang Road,Xiyuan Town,Zhangping City,Fujian province

**NAME AND REGISTERED ADDRESS OF THE MANUFACTURER** Fujian Qiaoguang Electronic Technology co.,ltd.  
No.21,Dayang Road,Xiyuan Town,Zhangping City,Fujian province

**NAME AND LOCATION OF THE FACTORY** Fujian Qiaoguang Electronic Technology co.,ltd.  
No.21,Dayang Road,Xiyuan Town,Zhangping City,Fujian province

**PRODUCT NAME, MODEL AND SPECIFICATION** Zinc oxide varistor  
FTR10D(180~112) K# ( # can be blank, or J, Z ) Nominal varistor voltage: 18V-1100V;Maximum continuous AC voltage: 11VAC-680VAC; Permissible deviation of voltage-sensitive K:  $\pm 10\%$ ; Climate category:40/125/42;Specifications of specific models see appendix

**THE STANDARDS AND TECHNICAL REQUIREMENTS FOR THE PRODUCTS** GB/T 10193-1997;GB/T 10194-1997;GB 4943.1-2022;IEC 61051-2:1991+Amd1:2009

**TYPE OF CERTIFICATION SCHEMES** Type Testing of Product + Follow up Factory Inspection

This is to certify that the above mentioned product(s) complies with the requirements of certification rules of CQC11-471551-2022.

Date of original issued: Sep.29,2020

The validity of the certificate is subject to positive result of the regular follow up inspection by issuing certification body until the expiry date.

The certificate information is available through the QR code below or CNCA's website: [www.cnca.gov.cn](http://www.cnca.gov.cn)



SIGNATURE:

谢肇煦



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This certificate and attachments shall be used at the same time, and the verification instructions can be found in the main certificate.

Model	Nominal varistor voltage ( V )	Maximum continuous AC voltage ( V )	Maximum continuous DC voltage ( V )	Maximum peak current ( 8/20us ) , 2times ( A )	Standard
FTR10D180K#	18	11	14	500	GB/T10193-1997 , GB/T10194-1997
FTR10D220K#	22	14	18	500	
FTR10D270K#	27	17	22	500	
FTR10D330K#	33	20	26	500	
FTR10D390K#	39	25	31	500	
FTR10D470K#	47	30	38	500	
FTR10D560K#	56	35	45	500	
FTR10D680K#	68	40	56	500	
FTR10D820K#	82	50	65	2500	
FTR10D101K#	100	60	85	2500	
FTR10D121K#	120	75	100	2500	
FTR10D151K#	150	95	125	2500	
FTR10D181K#	180	115	150	2500	
FTR10D201K#	200	130	170	2500	GB/T10193-1997 , GB/T10194-1997 , GB4943.1-2011 , GB8898-2011
FTR10D221K#	220	140	180	2500	
FTR10D241K#	240	150	200	2500	
FTR10D271K#	270	175	225	2500	
FTR10D301K#	300	190	250	2500	
FTR10D331K#	330	210	275	2500	
FTR10D361K#	360	230	300	2500	
FTR10D391K#	390	250	320	2500	
FTR10D431K#	430	275	350	2500	



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FTR10D471K#	470	300	385	2500
FTR10D511K#	510	320	415	2500
FTR10D561K#	560	350	460	2500
FTR10D621K#	620	385	505	2500
FTR10D681K#	680	420	560	2500
FTR10D751K#	750	460	615	2500
FTR10D781K#	780	485	640	2500
FTR10D821K#	820	510	670	2500
FTR10D911K#	910	550	745	2500
FTR10D102K#	1000	625	825	2500
FTR10D112K#	1100	680	895	2500

Note: In the model name: # can be blank, or the letters J, Z.



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