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Ceramic Capacitors

Fixed Ceramic Capacitors

Part Number : **TSF-40C**

Product Name : **Ultra High Voltage Ceramic Capacitors**

TDK Series Name : **TSF Series**

Application :

High voltage gas circuit breakers and lightning arresters.

Function :

It is using alumina filling resin. And. There is coated one. High capacitance. It is strong in the impulse voltage repeat.

Description :

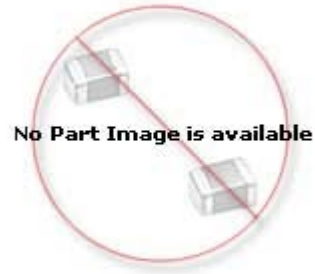
With the terminal. Mold type and coating type. It is usable in SF6 gas. The temperature characteristic is good.

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Property Name	Property Description
Product Lifecycle Stage	Production
Part Number Replacement	<i>No Data Available.</i>
Lead (Pb) Free	No
Surface Mount	No
EIA Size Code	<i>No Data Available.</i>
Size Code	<i>No Data Available.</i>
Body Length (L)	Min <i>No Data Available.</i>
Body Length (L)	Nom <i>No Data Available.</i>
Body Length (L)	Max <i>No Data Available.</i>
Body Breadth (W)	Min <i>No Data Available.</i>
Body Breadth (W)	Nom <i>No Data Available.</i>
Body Breadth (W)	Max <i>No Data Available.</i>
Body Height (T)	Min <i>No Data Available.</i>
Body Height (T)	Nom <i>No Data Available.</i>
Body Height (T)	Max <i>No Data Available.</i>
Terminal Width (B)	Min <i>No Data Available.</i>
Terminal Spacing (G)	Min <i>No Data Available.</i>
Temperature Characteristics	Z5T
Temperature Characteristic	Min -33 %
	Max 22 %
Category Temperature Range	Min -30 C
	Max 85 C
Rated Voltage Code	4D

Rated Voltage	Max 20000 V
Rated Voltage Classification	CONT_
Withstanding Voltage	Nom 36000 V
Withstanding Voltage Class	CONT_AC
Rated Capacitance	Nom 1080 pF
Capacitance Tolerance Code	K
Capacitance Tolerance (Value)	Min <i>No Data Available.</i> Max <i>No Data Available.</i>
Capacitance Tolerance (%)	Min -10 % Max 10 %
Q	Min <i>No Data Available.</i>
Measurement Frequency of Q	Nom <i>No Data Available.</i>
Insulation Resistance	Min 10000 MOhm
Dissipation Factor	Max 0.3 %
Frequency of Dissipation Factor	Nom 1 kHz
Soldering Method	<i>No Data Available.</i>
Storage Temperature Range	Min -30 Cel Max 85 Cel
Packing	Box
Minimum Package Qty	Nom 50 Pcs
Minimum Order Qty	Nom 50 Pcs

Disclaimer: This information is to be used for reference purposes only and is subject to change by TDK without notice. It reflects an overview of the product characteristics/performance for the particular part number. For product specification information, please refer to TDK's general product specification. Please note that this standard part is not designed or warranted to meet any specifications of any intermediate or end user different from or in addition to the specifications set fort in TDK's general product specification. Note also that this standard part has not been specially designed or manufactured for, nor is it intended or warranted for use in , or permitted to be resold for, specialized applications such as aviation, medical, and/or governmental/military applications (collectively, "Excluded Applications").



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