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Product Name High Voltage Ceramic Capacitors
Series CY Series
Part Number CY80-E2GA102MYVS

Product Lifecycle Stage PROD

Based on the Standard or law IEC 60384-14, UL 1414

Safety Certifications BSI,VDE,SEV,SEMKO,NEMKO,DEMKO,FIMKO,IMQ, UL,CSA,SAA

Specification			
Mounting Method Flag	No		
Number of Elements	Nom	1	
Number of Terminals	Nom	2	
TC Code	E		
Temperature Characteristic	Min	-55 %	
	Max	20 %	
Category Temperature Range	Min	-25 Cel	
	Max	125 Cel	
Rated Voltage Code	2G		
Rated Voltage	Max	440 V	
Rated Voltage Classification	CONT_AC		
Withstanding Voltage	Nom	2000 V	
Withstanding Voltage Class	CONT_AC		
Rated Capacitance	Nom	1000 p F	
Capacitance Tolerance Code	M		
Capacitance Tolerance (%)	Min	-20 %	
	Max	20 %	
Dissipation Factor	Max	2.5 %	
Frequency of Dissipation Factor	Nom	1 k Hz	
Insulation Resistance	Min	10000 M Ohm	
Soldering Method	Flow,Iron Soldering		
Storage Temperature Range	Min	5 Cel	
	Max	40 Cel	

Summary/Applications/Feature

Summary	IEC publication 60384-14, sub-class X1/Y2 capacitors. Approved by the Safety standards of 11 countries. (UL,CSA,BSI,VDE,SEMKO,FIMKO,DEMKO,NEMKO,SEV,IMQ,SAA) Compared to CS series by about 20% downsized.(Basic insulation type)
Applications	X/Y capacitors for Switching power supply, noise filter.(Basic insulation type)
Feature	High reliability due to the matching of TDK original ceramic materials and electrode materials. Enclosure with flame-retardant epoxy resin which grade is UL94, V-0, and excellent performance to prevent from fire and electric shock. Withstanding voltage: 2.0kVAC.

Packaging

Packing	Radial Taping Ammo Pack	
Minimum Package Qty	Nom	1000 Pcs
Minimum Order Qty	Nom	1000 Pcs

[Details](#)

● [Caution]

Specifications which provide more details for the proper and safe use of the described product are available upon request.

● [Notice of Revision and Improve]

All specifications are subject to change without notice.

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