



[PAGE BACK](#) [CLOSE](#)

**Product Name** High Voltage Ceramic Capacitors  
**Series** CY Series  
**Part Number** CY80-B2GA331KYVS

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		Summary/Applications/Feature	
Mounting Method Flag	No		
Number of Elements	Nom	1	
Number of Terminals	Nom	2	
TC Code	B		
Temperature Characteristic	Min	-10 %	
	Max	10 %	
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	330 p F	
Capacitance Tolerance Code	K		
Capacitance Tolerance (%)	Min	-10 %	
	Max	10 %	
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**  
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		Radial Taping Ammo Pack	
Packing			
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.

[PAGE TOP](#)

Copyright(c) 1996-2008 All rights reserved.