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**Product Name**     **High Voltage Ceramic Capacitors**  
**Series**             **CY Series**  
**Part Number**     **CY85-E2GA152MYGS**

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	1500 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	Bulk(Bag)	
Minumum 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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