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Packaging Labels

Introduction2

 1. *Confirms that the product is RoHS compliant.*3

 2. *Pb-free process information.*3

Customer Specific Labels.....3

Introduction


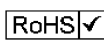


With the implementation of the European RoHS directive in July 2006 and the China RoHS phase I requirements in March 2007, Syfer has received numerous RoHS compliance questionnaires with requests for the product status to be displayed on packaging labeling.

With respect to displaying the product status on packaging labeling, customers are generally concerned regarding two issues:

1. Is the product RoHS compliant?
2. Does the product conform with Pb-free assembly process requirements?


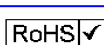


The purpose of this application note is to explain the standard Syfer label format to declare RoHS compliance and Pb-free process information.

Standard Label Format

Syfer Part	1812Y1K00473KXT	
Cust Part No	TAA1256298	
Cust Ord No	53907	
Batch Number	J09710	
Quantity	2000	
Date	04 MAY 10	
	2010-05-04	
Packer	MH	
		
	Made in the UK	
	124438.1	
	J09710.16	
		2002/95/EC 2nd Level Interconnect Max Safe Temp 270
		
		 

Example of a standard Syfer label with RoHS and lead-free information

Additional date code for China RoHS, referred to in GB/T7408-94 standard.

Syfer Part	1812Y1K00473KXT	
Cust Part No	TAA1256298	
Cust Ord No	53907	
Batch Number	J09710	
Quantity	2000	
Date	04 MAY 10	
	2010-05-04	
Packer	MH	
		
	Made in the UK	
	124438.1	
	J09710.16	
		2002/95/EC 2nd Level Interconnect Max Safe Temp 270
		
		 

The RoHS symbol states that the product is RoHS compliant (refer to note 1)

This section provides Pb-free process information based on JEDEC J-STD-609A (refer to note 2)

Notes*1. RoHS compliant symbol*

Confirms that the product is RoHS compliant.

2. Pb-free process information.

This section on the label is based on the requirements defined by IPC/ JEDEC J-STD-609A Marking and Labeling of Components, PCBs and PCBAs to Identify Lead (Pb), Pb-Free and Other Attributes.

The information defines:

- The Pb-free termination finish category. Syfer components will typically be labeled with the following (depending on customer order requirements):
 - e3 - Sn.
 - e4 - Precious Metal
- That the 2nd level interconnect (refer to IPC/ JEDEC J-STD-609A) terminal finish of components are Pb-free.
- The maximum temperature that the components should attain during assembly.

IPC/ JEDEC J-STD-609A is available at <http://www.jedec.org/standards-documents>

Customer Specific Labels

Where customers define specific labeling requirements, the RoHS compliant symbol and Pb-free process information will be added onto the label (space permitting) or onto a separate label attached to the packaging.

For further information regarding customer specific labeling requirements then please contact Syfer Sales department at www.knowlescapacitors.com