

# Product change notification

PCN14-04 – KMR

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**C&K components**

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## Document revision

Revision	Date	Description	Author
A	November 5, 2014	Creation	J. Smolinski

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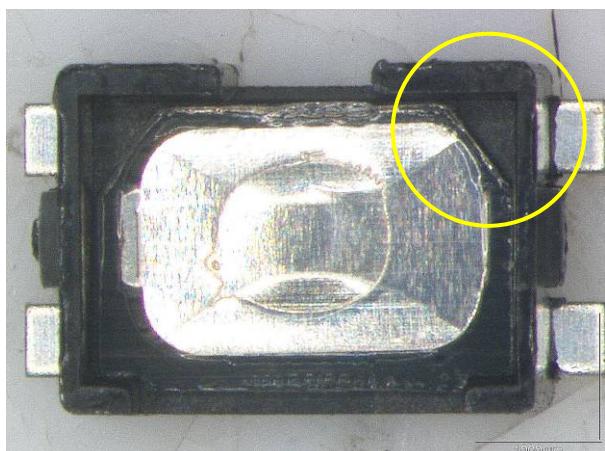
## 1. Purpose

C&K components, as design and manufacturing company for micro-miniature tact switches, is constantly looking to improve the manufacturing means and processes in order to continue serving its customers with the highest performance level.

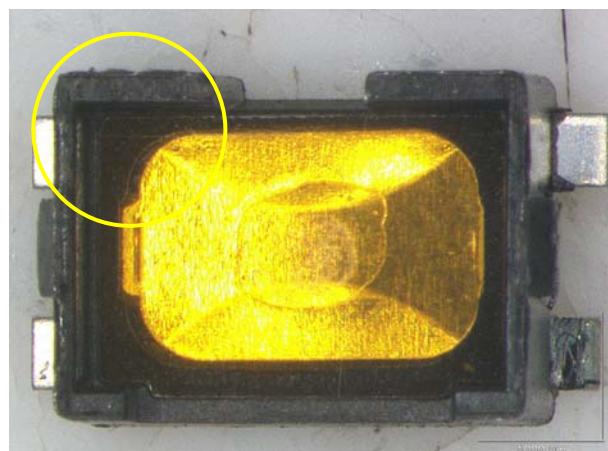
As part of this continuous improvement policy, C&K Components has engaged a program around the KMR series. This program consists of improvements related to the inside protection film.

## 2. Overview

- ⇒ Replacement of Teflon foil by a Kapton Foil.
- ⇒ Optimization of adhesive surface.

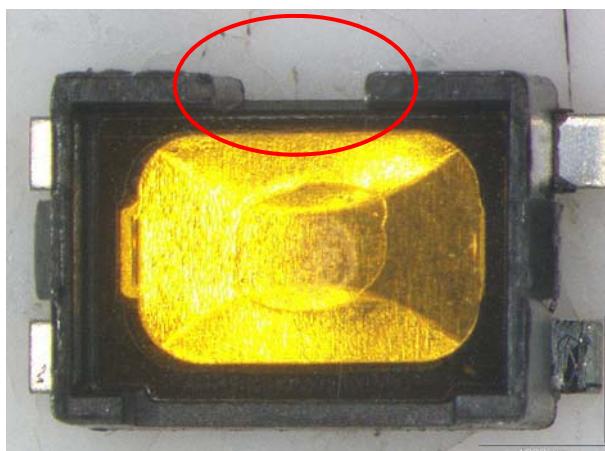


Actual configuration

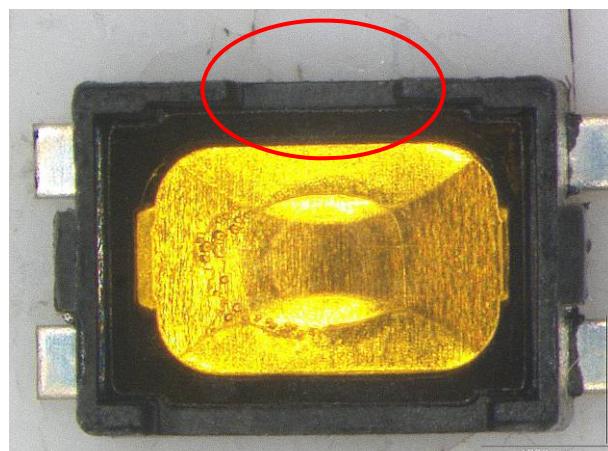


New configuration

- ⇒ Until now, both G and NG versions (with or w/o ground pin) were sharing a common over molding. In the new configuration, the NG version (w/o ground pin) over molding is different as can be seen on the pictures below. This does not affect all the other dimensions and characteristics.



Ground pin version



No Ground pin version

### **3. Change impact and qualification method**

#### **3.1 Impact of changes**

These evolutions do not change the performances and integration of the switch and therefore, the contents of KMR specifications remain applicable.

#### **3.2 Qualification**

Complete re-qualification at C&K.

### **4. Part numbers affected**

No modification of current part numbers and designation. The list of all existing KMR products can be found in Annex 1 at the end of this document.

### **5. Date of application**

- Samples of the Kapton foil version will be available starting W51/2014
- PPAP available starting W02/2015
- Last time buy: Current version with Teflon foil will be produced until the **15th of May 2015**. After this date, only production with Kapton foil will be available.
- Last time Delivery: 8 weeks after reception of the last order

### **6. Conditions of application**

Pricing and stock handling policy:

\* Pricing: any pricing and other sales conditions remain valid.

\* Stock handling: no obsolescence and no specification modification are applied on any P/N.

No return or scrap for obsolescence will be accepted.

### **7. Acknowledgement**

For customer requesting PPAP procedure, we recommend to acknowledge this PCN no later than December, 15th 2014 at the following e-mail address: [pcn.kmr@ck-components.com](mailto:pcn.kmr@ck-components.com)

### **8. Support**

For any question, please contact your local Sales Representative or the following e-mail address: [pcn.kmr@ck-components.com](mailto:pcn.kmr@ck-components.com)

## Annex 1

### List of Part numbers

<b>KMR Ground version</b>		<b>KMR No Ground version</b>	
Kapton and Optimized adhesive surface		Kapton, Optimized adhesive surface and modified housing	

<b>KMR Ground version</b>		<b>KMR No Ground version</b>	
Kapton and Optimized adhesive surface		Kapton, Optimized adhesive surface and modified housing	
Y78B21110FP	KMR211G LFS	Y78B21120FP	KMR211NG LFS
Y78B21310FP	KMR213G LFG	Y78B22120FP	KMR221NG LFS
Y78B22110FP	KMR221G LFS	Y78B22320FP	KMR223NG LFG
Y78B22110FPK	KMR221G LFS=S=	Y78B22324FP	KMR223NG ULC LFG
Y78B22114FP	KMR221G ULC LFS	Y78B23120FP	KMR231NG LFS
Y78B22310FP	KMR223G LFG	Y78B23120FPD	KMR231NG LFS BTB
Y78B22510FP	KMR225G LFG	Y78B23124FP	KMR231NG ULC LFS
Y78B23110FP	KMR231G LFS	Y78B23220FP	KMR232NG LFS
Y78B23114FP	KMR231G ULC LFS	Y78B23224FP	KMR232NG ULC LFS
Y78B23210FP	KMR232G LFS	Y78B24120FP	KMR241NG LFS
Y78B23214FP	KMR232G ULC LFS	Y78B24124FP	KMR241NG ULC LFS
Y78B23310FP	KMR233G LFG	Y78B24220FP	KMR242NG LFS
Y78B23510FP LFG	KMR235G LFG	Y78B24224FP	KMR242NG ULC LFS
Y78B24110FP	KMR241G LFS	Y78B42120FP	KMR421NG LFS
Y78B24110FPD	KMR241G LFS BTB	Y78B42124FP	KMR421NG ULC LFS
Y78B24114FP	KMR241G ULC LFS	Y78B42324FP	KMR423NG ULC LFG
Y78B24210FP	KMR242G LFS	Y78B43120FP	KMR431NG LFS
Y78B24214FP	KMR242G ULC LFS	Y78B43124FP	KMR431NG ULC LFS
Y78B24310FP	KMR243G LFG	Y78B43220FP	KMR432NG LFS
Y78B40110FP	KMR401G LFS	Y78B43224FP	KMR432NG ULC LFS
Y78B42110FP	KMR421G LFS	Y78B43320FP	KMR433NG LFG
Y78B42114FP	KMR421G ULC LFS	Y78B43324FP	KMR433NG ULC LFG
Y78B43110FP	KMR431G LFS	Y78B44120FP	KMR441NG LFS
Y78B43114FP	KMR431G ULC LFS	Y78B44124FP	KMR441NG ULC LFS
Y78B43210FP	KMR432G LFS	Y78B44220FP	KMR442NG LFS
Y78B43214FP	KMR432G ULC LFS	Y78B44224FP	KMR442NG ULC LFS
Y78B43314FP	KMR433G ULC LFG	Y78B62124FP	KMR621NG ULC LFS
Y78B44110FP	KMR441G LFS	Y78B63124FP	KMR631NG ULC LFS
Y78B44114FP	KMR441G ULC LFS		
Y78B44210FP	KMR442G LFS		
Y78B44214FP	KMR442G ULC LFS		
Y78C81110FP	KMR811G LFS		
Y78C82110FP	KMR821G LFS		
Y78C83110FP	KMR831G LFS		