

# Product Change Notification

PCN22-07 – D-SUB Savers Housing Material

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**C&K**

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## Document revision

Revision	Date	Description	Author
A	March 29 <sup>th</sup> , 2022	Creation	R. ANTOINE

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## Summary

1. Purpose .....	4
2. Overview .....	4
3. Impact of Change and Qualification .....	4
4. Part affected .....	5
5. Date of application .....	5
6. Conditions of application .....	5
7. Support .....	5

**1. Purpose**

C&K components, as design and manufacturing company for high reliability connectors, 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 D-Sub miniature Savers' series. This program consists of improvements related to housing polymer material.

**2. Overview**

**2.1 Change definition**

Change is applied on the D-Sub Savers housing material.

The description of the improvement is as follow:

- Insulator material change: PCT (Polycyclohexylenedimethylene terephthalate) resin becomes LCP (Liquid Crystal Polymer) thermoplastic material.
- Insulator colour: White gets Black.

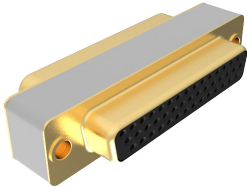

**2.2 Reason for Change**

Get the REACH requirements.

Temperature resistance improvement:

PCT	<i>against</i>	LCP
- DTUL @ 1.8 MPa: 240°C		- DTUL @ 1.8 MPa: 276°C
- Melting temperature: 283°C		- Melting temperature: 335°C

These evolutions do not change the performances and integration of connectors and therefore, the contents of D-SUB connector specifications remain applicable.

Old Design	New Design
	
Housing with PCT polymer material	Housing with LCP polymer material

**3. Impact of Change and Qualification**

**3.1 Impact of Change**

No impact.

**3.2 Qualification**

Qualification submitted and validated by CNES. ESCC qualification approved.

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#### 4. Part affected

- 3401/020 D\*M Savers
- 3401/080 D\*M Power / Coax Savers
- All D-SUB Savers - FR022 quality level

Remark: Material choice already taken into account and used on D-Sub and Micro-D insulator connectors.

#### 5. Date of application

- Last time buy: Orders delivered before September 1<sup>st</sup>, 2022, will be produced with old housing material.
- Orders delivered between September 1<sup>st</sup>, 2022, and July 31<sup>st</sup>, 2023, can be produced with old or new insulator material (end of stocks management).
- As from August 1<sup>st</sup>, 2023, all order will be produced with new insulator material.

Remark:

- No mix of material for each order line.
- During transition period (September 1<sup>st</sup>, 2022, to August 1<sup>st</sup>, 2023), for each complete order, some lines can be delivered with old housing material and other lines with new housing material.
- Once a reference is changed to new housing material, no delivery will be done with old housing material.

#### 6. Conditions of application

Ordering, pricing and stock handling policy:

- Ordering: P/N designation remains unchanged.
- Pricing: Any pricing and other sales conditions remain valid.
- Stock handling: No return or scrap for obsolescence will be accepted for any reason.

#### 7. Support

For any question, please contact your C&K sales representative.

Partnumber	DESIGNATION
C115366-2340C	340108001B DEBM5W1PSNMB PWR CT
C115366-2341C	340108001B DABM3W3PSNMB PWR CT
C115366-2342C	340108001B DABM7W2PSNMB PWR CT
C115366-2343C	340108001B DABM11W1PSNMB PWR CT
C115366-2344C	340108001B DBBM5W5PSNMB PWR CT
C115366-2345C	340108001B DBBM9W4PSNMB PWR CT
C115366-2346C	340108001B DBBM13W3PSNMB PWR CT
C115366-2347C	340108001B DBBM17W2PSNMB PWR CT
C115366-2349C	340108001B DCBM8W8PSNMB PWR CT
C115366-2350C	340108001B DCBM13W6PSNMB PWR CT
C115366-2353C	340108001B DCBM25W3PSNMB PWR CT
C115366-2354C	340108001B DCBM27W2PSNMB PWR CT
C115366-2356C	340108001B DDBM36W4PSNMB PWR CT
C115366-2371C	340108001B DEBM5W1PSNMB COAX CT
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C115366-2386C	340108001B DCBM27W2PSNMB COAX CT
C115366-2388C	340108001B DDBM36W4PSNMB COAX CT
C115368-4045	DEBMA15PSNMB-FR022
C115368-4046	DABMA26PSNMB-FR022
C115368-4047	DBBMA44PSNMB-FR022
C115368-4048	DCBMA62PSNMB-FR022
C115368-4049	DDBMA78PSNMB-FR022
C115368-4050	DEBMA15PSNMB FR022 FO
C115368-4051	DABMA26PSNMB-FR022-FO
C115368-4052	DBBMA44PSNMB-FR022-FO
C115368-4055	DFBMA104PSNMB-FR172-FR022
C115368-4056	DFBMA104PSNMB-FR172-FR022-FO
C115368-4057	DFBMA104PSNMB-A174-FR022
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C115371-4955 DABM7W2PSNMB-FR022 W/O CT  
C115371-4956 DABM11W1PSNMB-FR022 W/O CT  
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C115371-4969 DCBM27W2PSNMB-FR022 W/O CT  
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