

07.06.2013

Produktänderung Geringere Drahtfestigkeit bei EC 70 Bügelhalterungen

Der Draht der EPCOS Klammer EC 70 wird künftig aus einem neuen, weicheren Material gefertigt, um die Formbarkeit des Drahtes im Biegebereich zu verbessern. Dadurch lässt sich der Produktionsablauf deutlich reibungsloser gestalten und mögliche Risse im Biegebereich können vermieden werden.

Gleichzeitig wird im Datenblatt eine neue Abmessung der Klammerarme an der offenen Seite spezifiziert. (siehe Anlage).

Die Klammer EC 70 wird bei der Montage zur Fixierung von Ferritkern und Spulenkörper verwendet und ist als EPCOS Ferrite-Zubehör erhältlich.

Betroffene Produkte

Bestellnummer
B66278B2002X000

Geplante Einführung: 15. September 2013

Die neue Version mit reduzierter Drahtfestigkeit ist bereits erhältlich. Es besteht die Möglichkeit, die neue Klammer bereits jetzt nach Freigabe zu erhalten.

Innerhalb einer Übergangszeit kann es vorkommen, dass sowohl alte wie auch neue Ware ausgeliefert wird.

Anlage PCN
Neues Datenblatt

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Kunden wenden sich bei Fragen bitte direkt an ihren Ansprechpartner im Vertrieb.



**Product / Process Change Notification
Produkt-/ Prozess-Änderungsmitteilung**

1. ID No. / ID-Nr.: FER 13.002		2. Date of announcement / Datum der Ankündigung: June 7, 2013	
3. Type / Produktgruppe: EC 70 mounting assembly/ EC 70 Bügelhalterung	Old ordering code / Alte Bestell-Nr.: B66278B2002X000	New ordering code / Neue Bestell-Nr.: No change / Keine Änderung	Customer part number / Kundensachnummer:
4. Description of change / Beschreibung der Änderung: New, softer material for wire used in production of yoke EC 70. / Neues, weiches Material für den Draht des Bügels EC 70.			
5. Effect on the product or for customers (quality, specification, lead time) / Auswirkung auf das Produkt oder für den Kunden (Qualität, Spezifikation, Lieferzeiten): Reduction of wire strength helps to improve the bendability of the wire avoid problems in the bending area during wire forming, enable smoother production and avoid tears in the bending area of the wire. / Die geringere Drahtfestigkeit vermeidet Probleme beim Biegen des Drahtes, ermöglicht eine verbesserte Verarbeitung in der Produktion und eliminiert eventuelle Risse im Biegebereich.			
6. Quality assurance measures / Maßnahmen zur Qualitätssicherung: Dimensional measurement and appearance test OK, no difference to the existing type. Compared to existing version, data sheet now specifies the distance between the yoke arms at the open side of the yoke, see annex. / Abmessungen unverändert und Erscheinungstest OK, kein Unterschied zum bisherigen Typ. Im Datenblatt wird eine neue Abmessung der Klammerarme an der offenen Seite spezifiziert (siehe Anlage).			
7. Scheduled date of introduction / Geplante Einführung: September 15, 2013			
8. Customer feedback / Rückmeldung vom Kunden: If EPCOS does not receive notification to the contrary within a period of 10 weeks, EPCOS assumes that the customer agrees to the change. For an interim period we cannot rule out that old as well as new products will be shipped. Falls EPCOS innerhalb von 10 Wochen keine gegenteilige Mitteilung erhält, geht EPCOS davon aus, dass die geplante Änderung vom Kunden akzeptiert ist. Innerhalb einer Übergangszeit kann es vorkommen, dass sowohl alte wie auch neue Ware geliefert wird.			
Quality Management: Name: J. Vančura		Signature sgd. Vančura	
Product Marketing: Tel: +49 89 54020 2326 Fax: +49 89 54020 2530 E-mail: helko.meuche@epcos.com Name: Helko Meuche		Signature sgd. Meuche	
Customer acknowledgement Bestätigung durch den Kunden		Signature	



Ferrites and accessories

Mounting assembly EC70

Series/Type: EC70
Ordering code: B66278B2002X000
Date: 2013-04-04
Version: 3

Preliminary data
Mounting Assembly

The set comprises two parts yoke and base plate

Fixing nuts M3 and washer are supplied

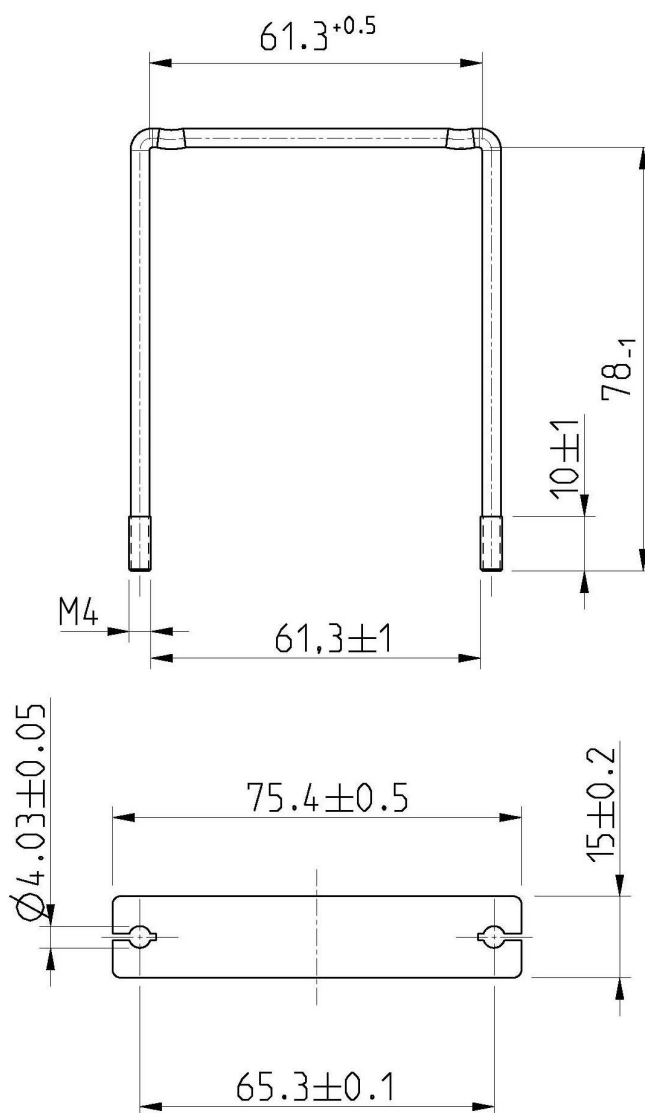
Yoke

Material : Steel clamping yoke (Ø3,5 mm) with thread, zinc plating

Base plate:

Material: Steel (0,8 mm), zinc plating

	Ordering code
Complete Mounting Assembly EC70	B66278B2002X000



Preliminary data

Cautions and warnings

Mechanical stress and mounting

Ferrite cores have to meet mechanical requirements during assembling and for a growing number of applications. Since ferrites are ceramic materials one has to be aware of the special behavior under mechanical load.

As valid for any ceramic material, ferrite cores are brittle and sensitive to any shock, fast changing or tensile load. Especially high cooling rates under ultrasonic cleaning and high static or cyclic loads can cause cracks or failure of the ferrite cores.

For detailed information see Data Book 2007, chapter "General – Definitions, 8.1".

Effects of core combination on AL value

Stresses in the core affect not only the mechanical but also the magnetic properties. It is apparent that the initial permeability is dependent on the stress state of the core. The higher the stresses are in the core, the lower is the value for the initial permeability. Thus the embedding medium should have the greatest possible elasticity.

For detailed information see Data Book 2007, chapter "General – Definitions, 8.2".

Heating up

Ferrites can run hot during operation at higher flux densities and higher frequencies.

NiZn-materials

The magnetic properties of NiZn-materials can change irreversible in high magnetic fields.

Processing notes

The start of the winding process should be soft. Else the flanges may be destroyed.

To strong winding forces may blast the flanges or squeeze the tube that the cores can no more be mount.

To long soldering time at high temperature (>300 °C) may effect coplanarity or pin arrangement.

Not following the processing notes for soldering of the J-leg terminals may cause solderability problems at the transformer because of pollution with Sn oxide of the tin bath or burned insulation of the wire. For detailed information see Data Book 2007, chapter "Processing notes, 2.2".

The dimensions of the hole arrangement have fixed values and should be understood as a recommendation for drilling the printed circuit board. For dimensioning the pins, the group of holes can only be seen under certain conditions, as they fit into the given hole arrangement. To avoid problems when mounting the transformer, the manufacturing tolerances for positioning the customers' drilling process must be considered by increasing the hole diameter.

Important notes

The following applies to all products named in this publication:

1. Some parts of this publication contain **statements about the suitability of our products for certain areas of application**. These statements are based on our knowledge of typical requirements that are often placed on our products in the areas of application concerned. We nevertheless expressly point out **that such statements cannot be regarded as binding statements about the suitability of our products for a particular customer application**. As a rule, EPCOS is either unfamiliar with individual customer applications or less familiar with them than the customers themselves. For these reasons, it is always ultimately incumbent on the customer to check and decide whether an EPCOS product with the properties described in the product specification is suitable for use in a particular customer application.
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