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Product Change Notification: CENO-03DKHD890

PCN Status:

Initial Notification

PCN Type:

Manufacturing Change

Microchip Parts Affected:

Please open one of the files found in the Affected CPNs section.

Note: For your convenience Microchip includes identical files in two formats (.pdf and .xls)

Description of Change:

Implement packing material changes for selected PSDS and SIC products available on TO-220, TO-247 and TO-263 packages at FSTS final test site.

Pre and Post Summary Changes:

		Pre Change	Post Change
Final Test Site		Fastech Electronique Inc (FSTS)	Fastech Electronique Inc (FSTS)
Packing Method	Pin Plug Material	PVC	Nylon
	Number of Pin Lock	1	2
	Lock Location	Bottom	Top and Bottom
	Pin Plug Color	Black	Black/White
	Dimension	With dimensional changes. See pre and post change comparison.	

Impacts to Datasheet:

None

Change Impact:

None

Reason for Change:

To improve productivity by implementing packing material changes for selected PSDS and SIC products.

Change Implementation Status:

In Progress

Estimated Qualification Completion Date:

**Note:** Please be advised the qualification completion times may be extended because of unforeseen business conditions however implementation will not occur until after qualification has completed and a final PCN has been issued. The final PCN will include the qualification report and estimated first ship date. Also note that after the estimated first ship date guided in the final PCN customers may receive pre and post change parts.

Timetable Summary:

	March 2025				
Work Week	10	11	12	13	14
Initial PCN Issue Date	x				
Qual Report Availability			x		
Final PCN Issue Date			x		

Method to Identify Change:

Traceability Code

Qualification Plan:

Please open the attachments included with this PCN labeled as PCN\_#\_Qual\_Plan.

Revision History:

March 06, 2025: Issued initial notification.

**Note:** The change described in this PCN does not alter Microchip's current regulatory compliance regarding the material content of the applicable product.

Please contact your local **Microchip sales office** with questions or concerns regarding this notification.

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Date

Mar 06, 2025

PCN Type

Manufacturing Change

PCN

CENO-03DKHD890

Title

CCB 7460 Initial Notice: Implement packing material changes for selected PSDS and SIC products available on TO-220, TO-247 and TO-263 packages at FSTS final test site.

Product Category

Power Discrete Components

Affected CPNs

CENO-03DKHD890\_Affected\_CPN\_03062025.pdf

CENO-03DKHD890\_Affected\_CPN\_03062025.csv

Attachments

PCN\_CENO-03DKHD890-Qual Plan.pdf

PCN\_CENO-03DKHD890-Pre and Post Change Summary.pdf



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MICROCHIP

Microchip Technology Inc.

2355 West Chandler Blvd.

Chandler, Arizona, USA



Affected Catalog Part Numbers (CPN)

MSC010SDA070K

MSC010SDA120K

MSC015SDA120K

MSC020SDA120K

MSC030SDA070K

MSC030SDA120K

MSC010SDA070KVAO

MSC020SDA120KVAO

MSC010SDA120KVAO

MSC030SDA120KVAO

MSC015SDA120KVAO

MSC030SDA070KVAO

MSC010SDA120B

MSC010SDA170B

MSC015SDA120B

MSC050SDA070B

MSC050SDA120B

MSC050SDA170B

MSC020SDA120B

MSC030SDA120B

MSC030SDA170B

MSC010SDA070B

MSC030SDA070B

MSC010SDA070BVAO

MSC020SDA120BVAO

MSC030SDA120BVAO

MSC050SDA120BVAO

MSC010SDA120BVAO

MSC015SDA120BVAO

MSC030SDA070BVAO

MSC050SDA070BVAO

MSC030SDA330B

MSC035SMA170B

MSC090SMA070B

MSC040SMA120B

MSC180SMA120B

MSC015SMA070B

MSC050SDA070BCT

MSC017SMA120B

MSC050SDA120BCT

MSC360SMA120B

MSC060SMA070B

MSC030SDA120BCT

MSC750SMA170B

MSC025SMA120B

MSC080SMA120B

MSC010SDA070BCT

MSC030SDA070BCT

MSC035SMA070B

MSC015SMA070BVAO

MSC035SMA070BV01

MSC035SMA070B4

MSC035SMA170B4

MSC040SMA120B4

MSC015SMA070B4

MSC017SMA120B4

MSC060SMA070B4

MSC750SMA170B4

MSC025SMA120B4

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CENO-03DKHD890 - CCB 7460 Initial Notice: Implement packing material changes for selected PSDS and SIC products available on TO-220, TO-247 and TO-263 packages at FSTS final test site.

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MSC080SMA120B4

MSC080SMA330B4

MSC400SMA330B4

MSC090SMA070SA

MSC180SMA120SA

MSC360SMA120SA

MSC750SMA170SA

# CCB 7460

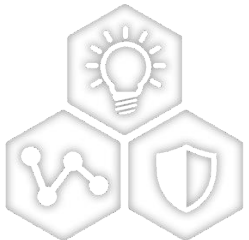
## Pre and Post Change Summary

### PCN #: CENO-03DKHD890



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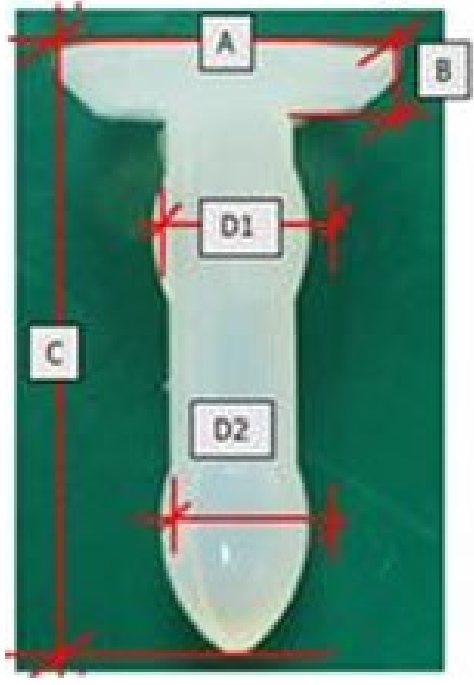
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# Pin Plug Comparison

Pre change	Post change
<p><b>Legend:</b>  A – Pin Plug Head Diameter  B – Pin Plug Head Thickness  C – Pin Plug Length  D1 – Top Pin Plug Lock Width  D2 – Bottom Pin Plug Lock Width</p>  <p><i>Black on both sides</i></p>	 <p><i>White @ Pin 1 side and Black @ Opposite side</i></p>

Pin Plug	Material Type	Head design	Head diameter (A)	Head Thickness (B)	Length (C)	Number of Pin lock	Lock location	Top Pin Plug Lock Width (D1)	Bottom Pin Plug Lock Width (D2)	Color
Pre change	PVC	Rounded	5.48 mm	0.90 mm	12.05 mm	1	Bottom	n/a	3.20 mm	BLACK
Post change	Nylon	Rounded	5.50 ± 0.10 mm	1.30 ± 0.10 mm	13.00 ± 0.10 mm	2	Top and Bottom	3.25 ± 0.05 mm	3.25 ± 0.05 mm	BLACK/WHITE



## **QUALIFICATION PLAN SUMMARY**

**PCN #: CENO-03DKHD890**

**Date:  
March 03, 2025**

**Implement packing material changes for selected PSDS and SIC products available on TO-220, TO-247 and TO-263 packages at FSTS final test site.**

Purpose: Implement packing material changes for selected PSDS and SIC products available on TO-220, TO-247 and TO-263 packages at FSTS final test site.

CCB No.: 7460

Test	Criteria
Dimensional Measurement	All dimension should fall within recommended value
Functional and Fit Test	Can be inserted smoothly in the tube small pin hole and should not cause visible damage on the tube No interlocking of tubes during alternate stacking
Drop Test Evaluation	No broken pin plug at drop height of 1 Ft