

Product Change Notification – #3003451

Title: Material Change – Bolt

This Product Change Notification is issued to document and describe a specific product consideration for your attention. Please review this Product Change Notification carefully and if you have any questions, please contact your quality representative or designated sales representative for support.

Notification Date: May 4, 2022

Product Identification:

Product	Part Number	Model Number
16V 58F Ultracapacitor Module	135808	BMOD0058 E016 C02

Type of Change: Bolt Change

Description of Change:

The current bolt that gets connected to power terminals will be replaced with a new bolt. The new bolt is an off-the-shelf part that can easily be purchased without supply risk. The new bolt has been verified via torque and assembly testing. Please refer to the images and test data below.

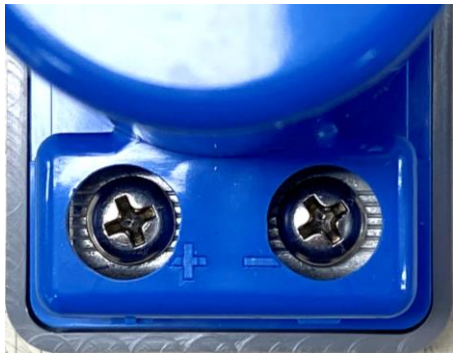
	Current Bolt	New Bolt
Product Image – Bolt		



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	Current Bolt	New Bolt
Product Image – Module		
Material	Brass Plated with Nickel	SS304 (Type 304 Stainless Steel)
Torque Test [Spec: 4.0 Nm]	-	Tested with 45kgf•cm ($\approx$ 4.4Nm) Result: PASS, 10 out of 10 pcs

Reason for Change:

Difficulty in procuring the current bolt – reduce the supply risk by switching to an off-the-shelf part that is compatible with the product.

PCN Tracking Number: 3003451.0

Scheduled First Shipment Date for Change: May 2022

Anticipated Customer Impact (Positive and Negative): None



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