

## Product Change Notice

PCN#: EE-PCN21015

09/01/21

### CLASSIFICATION OF CHANGE:

The appearance of the S500 series and GDB series fuses have undergone a change.



**AFTER**

**BEFORE**

### DESCRIPTION OF CHANGE:

The endcap termination finish of 125 mA and below S500 series and GDB series fuses changes from nickel plating to silver plating. DCR and I2T information has been updated.

### REASON FOR CHANGE:

This change has been implemented in order to streamline manufacturing operations.

### EXPECTED INFLUENCE ON QUALITY, RELIABILITY, AND PERFORMANCE:

There will be no effect on the quality or reliability. There is a slight change to the performance of the part, with updated DCR and I2T information below. There are no changes to form, fit and function of the devices.

Part Number (applies to BK & BK1 packaging also)	DCR - After (ohm)	DCR - Before (ohm)	I2T - After (A2S) Measured @10IN	I2T - Before (A2S) Measured @10IN
S500-32-R	290	40	0.00002	0.00002
S500-40-R	210	25	0.00006	0.00008
S500-50-R	150	17	0.0001	0.00022
S500-63-R	113	12.5	0.00016	0.00047
S500-80-R	22	5	0.0008	0.0015
S500-100-R	18	3.8	0.0013	0.0036
S500-125-R	11	2.8	0.0034	0.0073
GDB-32mA	290	40	0.00002	0.00002
GDB-40mA	210	25	0.00006	0.00008
GDB-50mA	150	17	0.0001	0.00022
GDB-63mA	113	12.5	0.00016	0.00047
GDB-80mA	22	5	0.0008	0.0015
GDB-100mA	18	3.8	0.0013	0.0036
GDB-125mA	11	2.8	0.0034	0.0073

**PARTS AFFECTED:**

Part
S500-32-R
S500-40-R
S500-50-R
S500-63-R
S500-80-R
S500-100-R
S500-125-R
BK1-S500-32-R
BK1-S500-40-R
BK1-S500-50-R
BK1-S500-63-R
BK1-S500-80-R

Part
BK1-S500-100-R
BK1-S500-125-R
BK-S500-32-R
BK-S500-40-R
BK-S500-50-R
BK-S500-63-R
BK-S500-80-R
BK-S500-100-R
BK-S500-125-R
GDB-32mA
GDB-40mA
GDB-50mA

Part
GDB-63mA
GDB-80mA
GDB-100mA
GDB-125mA
BK-GDB-32mA
BK-GDB-40mA
BK-GDB-50mA
BK-GDB-63mA
BK-GDB-80mA
BK-GDB-100mA
BK-GDB-125mA

**TIME SCHEDULE:**

Effective for S500 and GDB series fuses manufactured after October 1, 2021.

**ISSUED BY:**

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**CONTACT INFORMATION:**

For questions or comments, please contact <https://www.eaton.com/content/eaton/us/en-us/products/electronic-components/contact-us.html>