



PRODUCT CHANGE NOTIFICATION

PCN No: PCN-1014

Issue Date: 3/24/2023

Parts Affected	SMS1105PGC	Old Rev.	B	New Rev.	C
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Change Will Affect: LED optical, electrical and mechanical.

Description of Change:

Effect of change on product fit, form and function. Changes are reflected **in red** as shown in the table below.

	Old	New
Max Storage Temp. Range	100 °C	90 °C
Soldering Temp.	260 °C	250 °C
Min. Forward Voltage	2.9 V	2.8 V
Typ. Forward Voltage	3.3 V	-
Max. Forward Voltage	3.7 V	3.4 V
Max. Dominant Wavelength	532 nm	529 nm
Luminous Intensity (mcd)	600-1000	1800-2400
Viewing Angle	120°	120°

Effective Date of Change: March 24, 2023

Reason for Change: Replacement of the chip is necessary, as it has reached its end of life. The end of life of the chip means that it is no longer supported by the manufacturer, and can no longer be used reliably. As such, a new chip must be installed in order to ensure the continued functioning of the system.

These changes have been reviewed and approved by Bivar management per Bivar Procedure: Engineering Change Order and Part Change Notification, SOP-040, SOP-ENG-045

Please contact Bivar Inc. at www.bivar.com/contact or speak to a Bivar representative for any questions or support requirements within 30 days of issue date.

BV00-Q465 REV 92122