PRODUCT CHANGE NOTIFICATION
PCN No: PCN-1110
Issue Date: 12/16/2025

Parts Affected	5BC-3-CA	Old Rev.	A	New Rev.	B
	5BC-3-CA-F		A		B

Change Will Affect:

LED optical, electrical and mechanical characteristics.

Description of Change:

Changes are reflected as shown in the table below.

5BC-3-CA & 5BC-3-CA-F

	Specification	**5BC-3-CA-X Rev. A**	**5BC-3-CA-X Rev. B**
1	TYP Peak Wavelength (nm)	Red= 625 Green= 568	Red= 630 Green= 565
2	Forward Current Absolute (mA)	30mA	20mA
3	Peak Forward Current Absolute (mA)	150mA	100mA
4	Storage Temperature Range (C)	-30C to +100C	-40C to +100C
5	Operating Temperature Range (C)	-20C to +85C	-40C to +85C
6	Forward Voltage MIN/TYP/MAX (V)	Red: N/A - 2.0 - 2.8 Green: N/A - 2.1 - 2.8	Red: 1.7 - 2.1 - 2.4 Green: 1.7 - 2.2 - 2.4
7	Reverse Current (uA)	100uA	10uA
8	Dominant Wavelength (nm)	Red: N/A - N/A - N/A Green: N/A - N/A - N/A	Red: 620 - 625 - 630 Green: 565 - 570 - 575
9	Luminous Intensity MIN/TYP/MAX (mcd)	Red: N/A - 4 - N/A Green: N/A - 6 - N/A	Red: 2 - 4 - N/A Green: 2 - 5 - N/A
10	Electro-Optical Graphs	-	Red: Revised Green: Revised

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.

Effective Date of Change: December 16, 2025

Reason for Change: New chips are being used due to chip obsolescence.

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