



PRODUCT CHANGE NOTIFICATION

PCN No: PCN-1039

Issue Date: 6/14/2024

Parts Affected	SMTL4-SBC	Old Rev.	A	New Rev.	C
	SMTL4-SBC-RY		A		B
	SMTL4-SBC-YG		A		B
	SMTL4-SRGB		A		B

Change Will Affect:

LED optical, electrical and mechanical characteristics.

Description of Change:

Changes are reflected as shown in the tables below.

Part Number	SMTL4-SBC-RY	
Revision	Rev A	Rev B
LED Thickness	1.95mm	1.85mm
LED Terminals Width	2.4mm	2.3mm
Storage Temperature	- 40 - +100°C	- 40 - +85°C
ESD	2000	N/A

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.



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Part Number	SMTL4-SRGB	
Revision	Rev A	Rev B
LED Terminals Width	2.4mm	2.3mm
Storage Temperature	- 40 - +100°C	- 40 - +85°C
Power Dissipation	Red, Green: 78mW Blue: 80mW	Red: 78mW Green, Blue: 100mW
Continuous Forward Current	Red, Green: 30mA Blue: 25mA	Red: 30mA Green, Blue: 25mA
Forward Voltage Typ/Max	Red: 1.9V, 2.6V Green: 3.3V, 4.5V Red: 3.3V, 4.3V	Red: 1.9V, 2.4V Green: 3.0V, 3.5V Red: 3.0V, 3.5V
Dominant Wavelength (nm)	Red: 625	Red: 631

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BV00-Q465 REV 92122



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Issue Date: 6/14/2024

Part Number	SMTL4-SBC		SMTL4-SBC-YG	
	Rev A	Rev B	Rev A	Rev B
LED Thickness	1.95mm	1.85mm	1.95mm	1.85mm
LED Terminals Width	2.4mm	2.3mm	2.4mm	2.3mm
Luminous Intensity Min/Typ/Max (mcd)	Red: 115/180/NA Green: 57/115/NA	Red: 115/180/225 Green: 45/72/90	Yellow: 115/180/NA Green: 57/115/NA	Yellow: 115/145/225 Green: 45/72/90
Storage Temperature	- 40 - +100°C	- 40 - +85°C	- 40 - +100°C	- 40 - +85°C

Effective Date of Change: June 14, 2024

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

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