



**PRODUCT CHANGE NOTIFICATION**

PCN No: PCN-1038

Issue Date: 6/10/2024

Parts Affected	SMTL2-URC	Old Rev.	A	New Rev.	B
	SMTL2-HC		A		B
	SMTL2-UPGC		A		B

**Change Will Affect:**

LED optical, electrical and mechanical characteristics.

**Description of Change:**

Changes are reflected as shown in the table below.

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](http://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



# PRODUCT CHANGE NOTIFICATION

PCN No: PCN-1038

Issue Date: 6/10/2024

Part Number	SMTL2-UPGC		SMTL2-URC		SMTL2-HC	
	Rev A	Rev B	Rev A	Rev B	Rev A	Rev B
Luminous Intensity	360, 850, N/A	850, 1650, 1850	550, 700, N/A	750, 850, 1050	6, 11, N/A	11.5, 28, 32.5
LED Pad Width	2.4mm	2.18mm	2.4mm	2.18mm	2.4mm	2.18mm
LED Thickness	2.0mm	1.8mm	2.0mm	1.8mm	2.0mm	1.8mm
Storage Temperature	- 40 - +100°C	- 40 - +85°C	- 40 - +100°C	- 40 - +85°C	- 40 - +100°C	- 40 - +85°C
ESD	2000V	N/A	2000V	N/A	2000V	N/A
VF Min/Typ/Max	N/A, 3.3V, 4.2V	2.7V, 3.0V, 3.3V	N/A, 1.9V, 2.4V	1.7V, 2.0V, 2.3V	N/A, 2.0V, 2.6V	1.6V, 1.9V, 2.2V
If Max	30mA	25mA	-	-	-	-
Max Reverse Current (VR=5V)	100A	10A	100A	10A	100A	10A
Max Continuous Forward Current	25mA	30mA			25mA	30mA
Wavelength Min/Typ/Max	516, 525, 536	516.5, 521.5, 526.5	617, 625, 632	617, 622, 632	620, 628, 636	622, 627, 632
Power Dissipation	-	-	72mW	78mW	80mW	78mW

**Effective Date of Change:** June 10, 2024

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

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](http://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