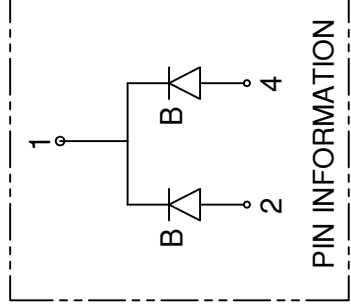
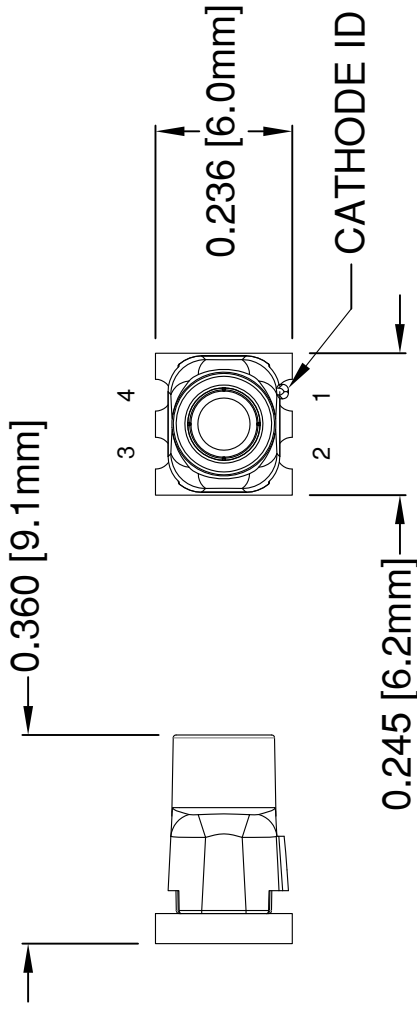




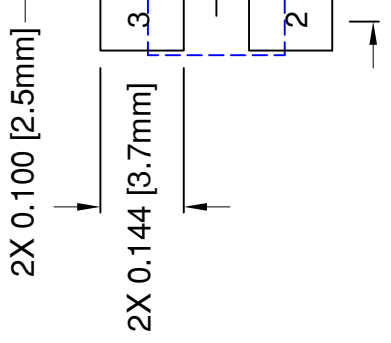
**THE DATASHEET OF  
SMTV01-B11**



REV.	
B	Engineering Release
C	Revised Side View, S
D	Corrected Typo in Re



**RECOMMENDED S**



STANDARD TOLERANCES (UNLESS OTHERWISE SPECIFIED)	
DECIMALS	ANGLES
.X ±.1	X°
.XX ±.02	
.XXX ±.010	
DESIGNED BY:	DATE:
A. Wright	03/11
CHECKED BY:	DATE:
B. Oliver	03/11

**ABSOLUTE MAXIMUM RATINGS at Ta=25°C**


REVERSE VOLTAGE	5V
REVERSE CURRENT	100µA
OPERATING TEMPERATURE RANGE	-35°C - 85°C
STORAGE TEMPERATURE	-35°C - 85°C
MAX SOLDERING TEMPERATURE	260°C FOR 3 SECONDS

- NOTES:
- DERATING OF FORWARD CURRENT PER SEGMENT, 0.30mA/°C at T ≥ 25°C
  - ACCEPTS BIVAR FLEXIBLE LIGHT PIPE STYLE FLPS2031

REV.	SEE SHEET #1

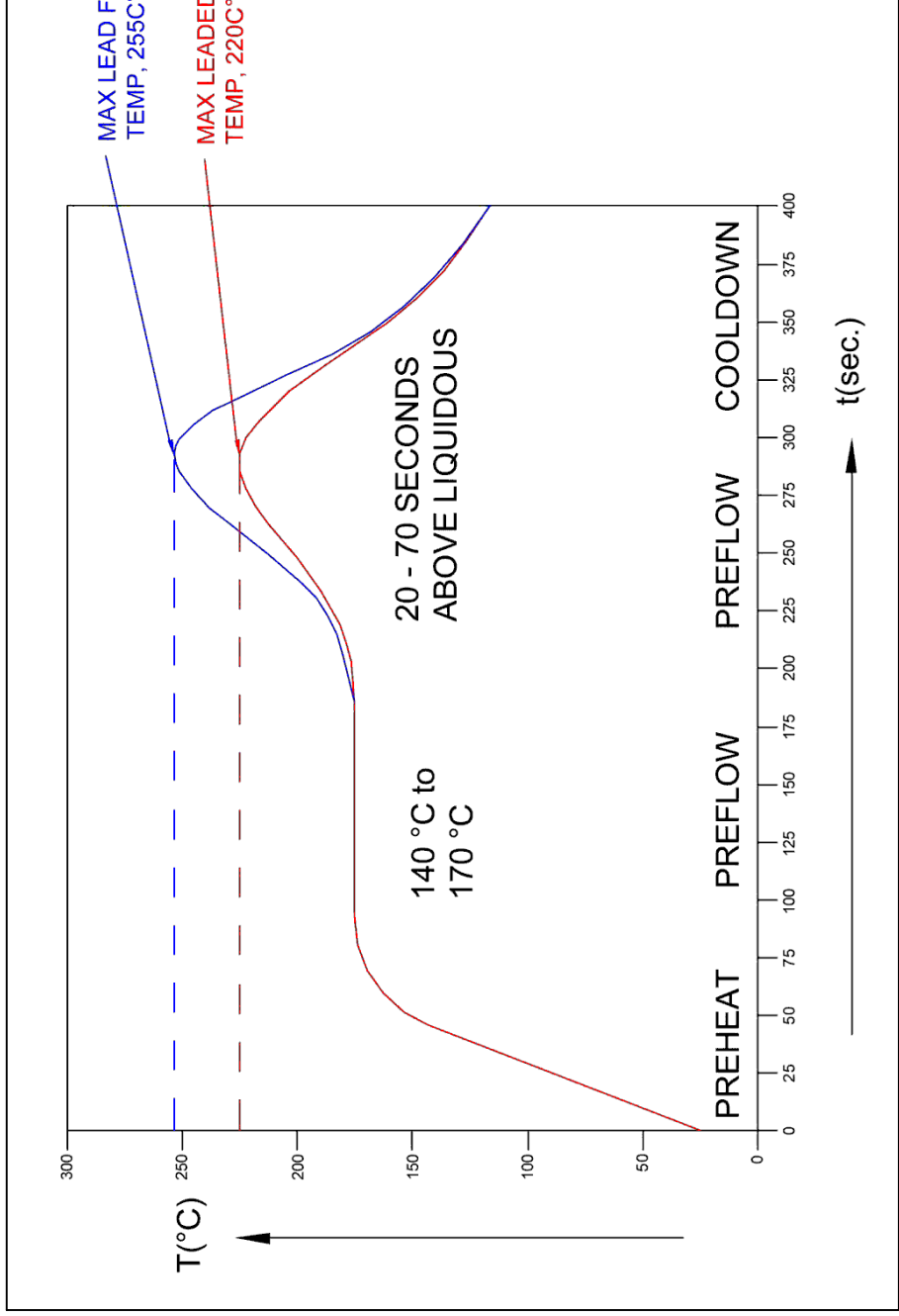
Part Number	Chip			Absolute Maximum Ratings Per Segment			Elec @ V [V]
	Emitted Color	$\lambda_d$ [nm]		$P_d$ [mW]	$I_f$ [mA]	Peak $I_f$ [mA]	
		MIN	TYP				
SMTV01-B11	BLUE	460	465	470	100	25	100
SMTV01-B16		100	100	100	25	100	2.8
SMTV01-B19		100	100	100	25	100	3.

Note: 10% Duty Cycle, Pulse Width  $\leq 0.1$ msec for Peak  $I_f$ .

STANDARD TOLERANCES (UNLESS OTHERWISE SPECIFIED)	
DECIMALS	ANGLES
.X $\pm .1$	X°
.XX $\pm .02$	
.XXX $\pm .010$	DATE: <b>03/1</b>
DESIGNED: <b>A. Wright</b>	CHECKED: <b>B. Oliver</b>
DATE: <b>03/1</b>	DATE: <b>03/1</b>

REV.	SEE SHEET #1

# Recommended Reflow Soldering Profile



STANDARD TOLERAN (UNLESS OTHERWISE SPECI	
DECIMALS	ANGU
.X    ±.1	X°
.XX   ±.02	
.XXX   ±.010	
DESIGNED:	DATE:
A. Wright	03/1
CHECKED:	DATE:
B. Oliver	03/1

**NOTE:**  
1. Do not clean after soldering. Only use no-clean solder paste.



## Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

 [View SMTV01-B11 on WIN SOURCE](#)

 [Bivar Inc. Information](#)

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-  Cost Control Management
-  Shortage Management
-  Alternative Solution
-  Excess Inventory Management