

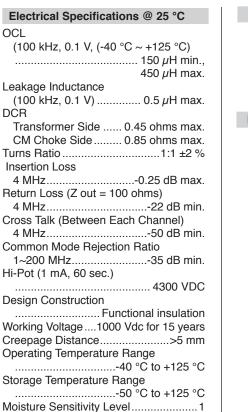
OCL

DCR

Features

- One channel with choke
- Supports serial daisy chain / IsoSPI
- Holds reference designs with Analog Device's Model LTC6804-1/6811 and NXP's MC33771/33772
- Operating temperature: -40 to +125 °C
- 1000 Vdc working voltage

SM91502AL BMS Transformer

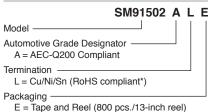


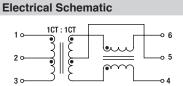
Packaging Specifications

Tape & Reel 800 pcs./13-inch reel

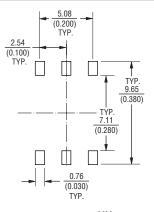
ESD Classification (HBM).....N/A

How To Order



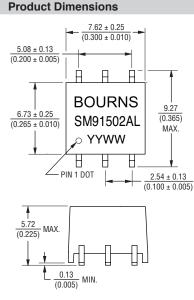


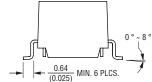
Recommended Layout



DIMENSIONS: UNIVI

- Hi-Pot: 4300 Vdc
- AEC-Q200 compliant
- RoHS compliant*





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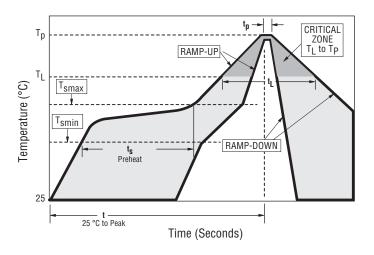
WARNING Cancer and Reproductive Harm - www.P65Warnings.ca.gov

*RoHS Directive 2015/863. Mar 31. 2015 and Annex. Specifications are subject to change without notice. Users should verify actual device performance in their specific applications. The products described herein and this document are subject to specific legal disclaimers as set forth on the last page of this document, and at www.bourns.com/docs/legal/disclaimer.pdf.

SM91502AL BMS Transformer

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Solder Profile



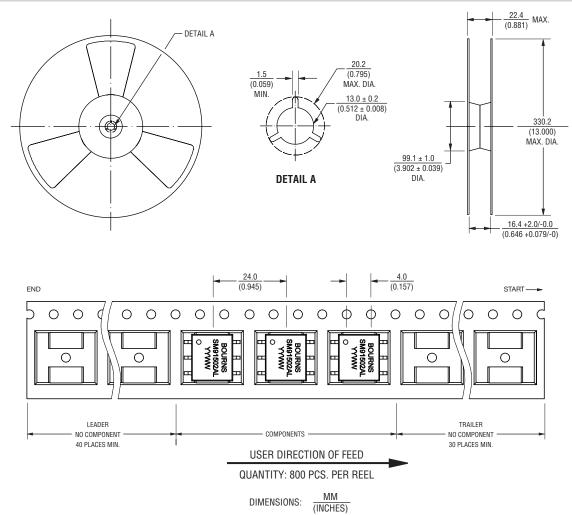
Profile Feature	Pb Free Assembly
Average Ramp Rate (T _{Smax} to T _P)	3 °C/second max.
Preheat - Temperature Min. (T _{Smin}) - Temperature Max. (T _{Smax}) - Time (t _{smin} to t _{smax})	150 °C 200 °C 60-180 seconds
Time Maintained Above - Temperature (TL) - Time (tL)	217 °C 60-150 seconds
Peak Temperature (T _p)	260 °C +0/-5 °C
Time within 5 °C of Actual Peak Temperature (T_p)	20-40 seconds
Ramp-Down Rate	6 °C/second max.
Time 25 °C to Peak Temperature	8 minutes max.

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SM91502AL BMS Transformer

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Packaging Specifications



09/18

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