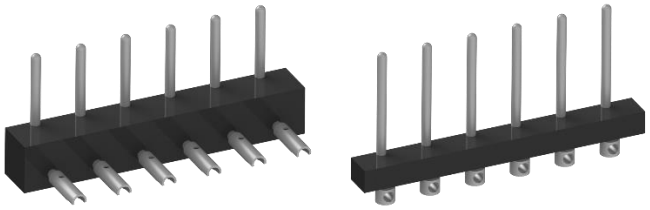
DATA SHEET

Power Your Critical Mission Today

A9001 LEAD EXTENDER SERIES

HIGH RELIABILITY DC-DC CONVERTER AND EMI FILTER LEAD EXTENDERS



A9001 Series – Product may differ from that shown

DESCRIPTION

The A9001 series of high reliability DC-DC converter and EMI filter Lead Extenders are operable over the full military (-55 °C to +125 °C) temperature range. The lead extenders provide an effective method for mounting/connecting side leaded VPT packages to customer PCB applications.

DETAILS

- Copper Alloy Cu-70210 or C97
- 120 microinches minimum of 90 Sn / 10 Pb solder plate
- Diallyl-Phthalate (DAP) WH-9100-BLK (HM-Type)
- Low-weight of 2g each (typical)

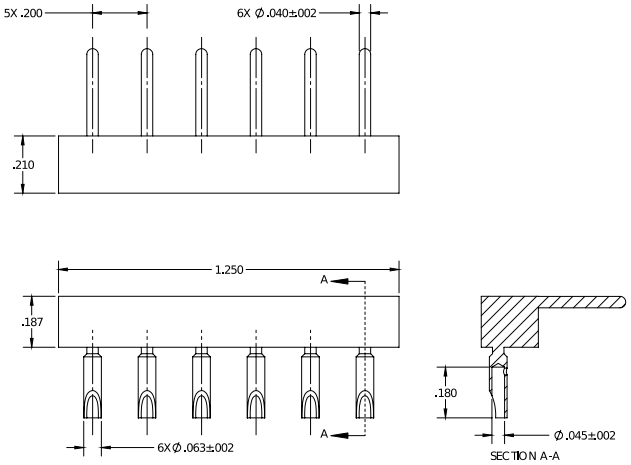
INSTALLATION

- Compatible with industry standard pinouts
- Product may be installed for Up or Down Leaded use
- The epoxy resin encapsulant used in the lead extenders absorbs helium and krypton. This absorption prevents leak-testing acceptability when using helium or krypton.
- For proper installation, Application Note '*Hand Soldering Guidelines for VPT DC-DC Converters and Accessory Products*', can be found here.

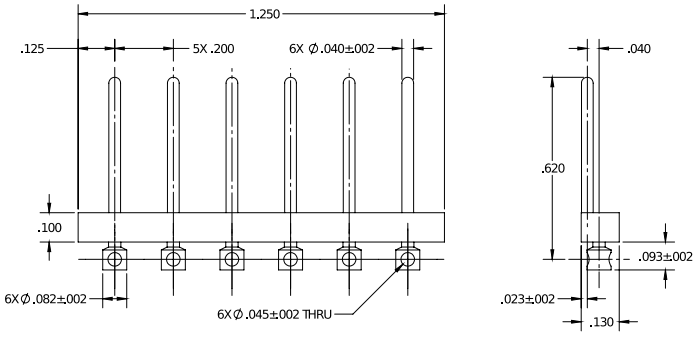
MANUFACTURING AND COMPLIANCE

- Manufactured in an ISO9001:2015 facility

MECHANICAL OUTLINES



A9001-002 L90 Package Style Lead Extender
Tolerances are ±0.005" unless otherwise specified.



A9001-003 S90 Package Style Lead Extender
Tolerances are ±0.005" unless otherwise specified.

ORDERING INFORMATION

A9001	-	002
1		2

(1) Product Series	(2) Dash Number	
A9001	-002	L90 Package Style
	-003	S90 Package Style

Please contact your sales representative or the VPT Inc. Sales Department for more information concerning additional environmental screening and testing, different input voltage, output voltage, power requirements, source inspection, and/or special element evaluation for space or other higher quality applications.

CONTACT INFORMATION

To request a quotation or place orders please contact your sales representative or the VPT, Inc. Sales Department at:

Phone: (425) 353-3010
Fax: (425) 353-4030
E-mail: vptsales@vptpower.com

All information contained in this datasheet is believed to be accurate, however, no responsibility is assumed for possible errors or omissions. The products or specifications contained herein are subject to change without notice.

ADDITIONAL INFORMATION

Visit the VPT website for additional technical resources, including:

Product Catalogs

Application Notes and White Papers