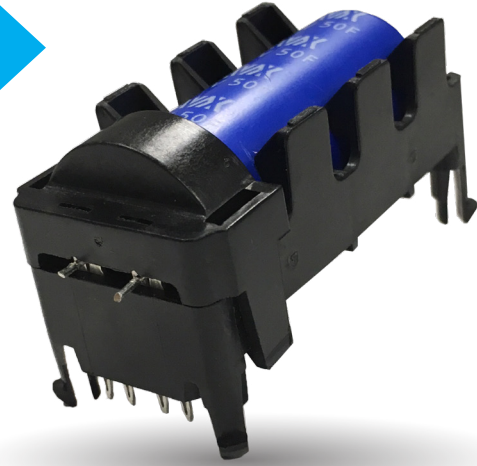
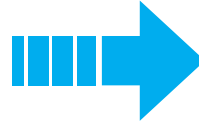


Going Solderless with Press-Fit Technology!

An Effective Solution for a Wide Range of Applications



THE BENEFITS OF USING CAPACITOR HOLDERS

- Reduces the Degradation Risk to Components
- Better Connection than Blade & Socket Connections
- Strong Reliable Fit / Repeatability
- Excellent Electrical & Thermal Transfer Characteristics
- High Current Capacity for Power Oriented Applications

APPLICATION INDUSTRIES



Automotive



Telecom



Medical



Industrial



Defense

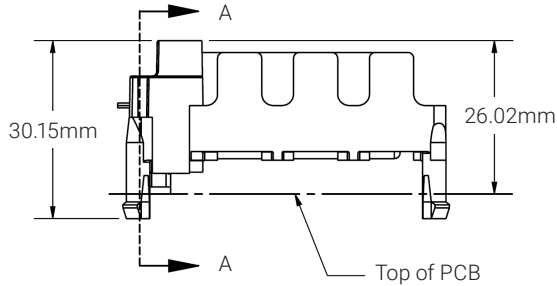
PART DESCRIPTION

Press-Fit Technology has been gaining momentum amongst manufacturers for enabling new designs that exhibit very consistent performance and higher reliability than traditional solder joints. The AVX Capacitor Holder is a PBT plastic cradle that holds an electrolytic capacitor and allows the end user one simple press fit operation to connect the capacitor to their printed circuit board. The Capacitor is held in the connector by an innovative design that allows the natural spring qualities of the material to lock the capacitor in place. The leads from the capacitor are held in place with an IDC contact that is then mated to the board with the compliant pin side of the contact. A locking lid feature is used to hold the leads and the capacitor firmly in place.

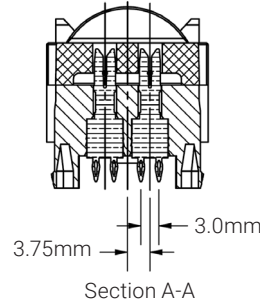
INQUIRE FOR SAMPLES: ✉ interconnect@avx.com

DESIGN SPECIFICATIONS

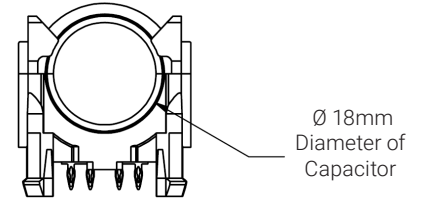
SIDE VIEW



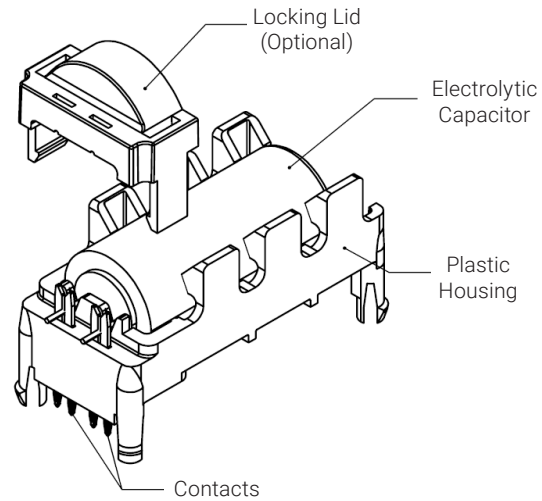
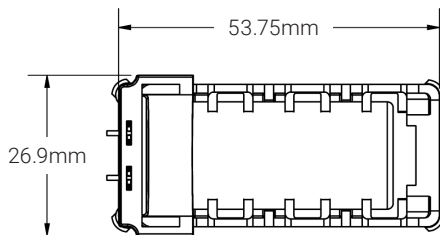
FRONT VIEW



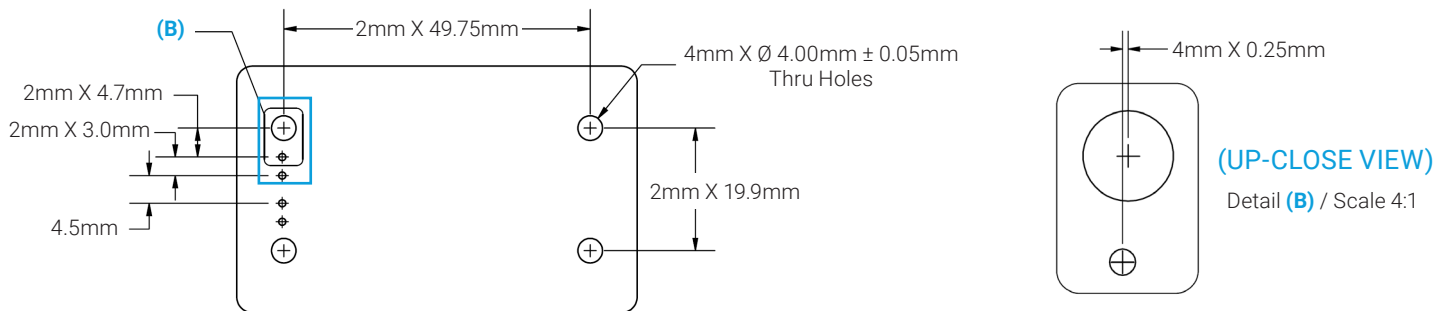
BACK VIEW



TOP VIEW



PCB LAYOUT



ENGINEERING SPECIFICATIONS

- **Insulation Resistance:** 100 MegaOhms Minimum
- **Termination Resistance:** 20 milliOhms Maximum
- **Thermal Shock:** -40°C → +85°C 0.75 hours / 0.75 hours - 300 cycles per IEC 600628-2-14 Na
- **Housing & Lid Material:** 30% Glass Filled PBT

- **Contact Material:** Copper Alloy
- **Plating:** Tin
- **Capacitor Diameter:** 18mm-18.5mm
- **Capacitor Length:** 20mm-40mm