



# SMT CAPACITOR HOLDER

## NEW PRODUCT RELEASE



[Click Here to View the 9115-000 Series Datasheet](#)

### BASIC OVERVIEW

KYOCERA AVX continues to think outside of the box and pushing boundaries within the connector market space. Our 9115 series of SMT capacitor holders allows manufacturers to eliminate hand soldering and improve efficiencies within production. Utilizing our proven IDC (insulation displacement) technology, we are able to safely and efficiently connect a capacitor to the PCB without additional solder operations.

The 9115 series of SMT Cap Holders is packed with key features that provide significant functionality in a broad range of applications. Compatible with a wide range of capacitors ranging from diameters of 6.3 to 10mm, the housing enables fastening of the capacitor to the PCB after the SMT process. Simply send the holder through the SMT process, snap the capacitor into the holder, and terminate the wires simultaneously via the insulation displacement contacts without soldering or bending of the leads in a fully automated process. In addition, the 9115 series allows for the PCB to be populated underneath the holder with a 1mm clearance for smaller components.

### APPLICATIONS

Provides ruggedized connection of electrolytic capacitors and SuperCaps for various industries.

- Automotive
- Industrial
- Medical
- Transportation

### KEY SPECIFICATIONS

Temperature Range: -40°C to +85°C

Vibration: Random 27.8 m/s<sup>2</sup> RMS (target)

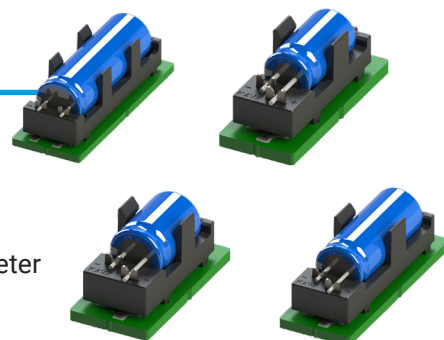
Shock: 50g half sine (target)

### GENERAL CHARACTERISTICS

- Standard SMT Holder
- Easy installation of the capacitor (no soldering, no bending of the leads)
- Housing enables fastening of the capacitor
- Capacitor size D6.3 to 10mm
- Compatible with wide range of cylindrical capacitors
- 1mm clearance for smaller components

### TOP SELLING POINTS / CHARACTERISTICS

- Automated pick&place and reflow compatible
- High temperature insulator material, UL94 V0 halogen free
- Allows full automation for connecting a capacitor to a PCB
- Compatible with a wide range of cylindrical capacitors from 6.3 to 10mm in diameter
- 1mm clearance allows for populating the PCB with smaller components





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## IMMEDIATELY AVAILABLE PART NUMBERS

<b>00</b>	<b>9115</b>	<b>002</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>6</b>
Prefix	Series	Number of Ways 002 = 2	Capacitor Diameter 2 = 6.3mm 3 = 8.0mm 4 = 10.0mm	Capacitor Length 1 = 12mm 3 = 20mm 5 = 30mm	Capacitor Lead Pitch 1 = 2.3mm 2 = 2.5mm 3 = 3.2mm 4 = 3.5mm 5 = 3.8mm 6 = 5.0mm	Capacitor Lead Diameter 1 = 0.50mm 2 = 0.60mm	Locating Pegs 0 = with Pegs 1 = without Pegs	Plating Sn over NI

## FAQ'S

**Q: Is the 9115-000 suitable for applications that will experience shock and vibration?**

A: Yes, please consult with us for more information.

**Q: Will the 9115-000 series be compatible with non KYOCERA AVX capacitors?**

A: Yes, our holder is compatible with most cylindrical capacitors on the market, including super capacitors.

**Q: Is a tool required for terminating a capacitor to the holder?**

A: Yes, a tool is required and drawings will be provided. Upon release, we will be providing application notes for assembly instructions.



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