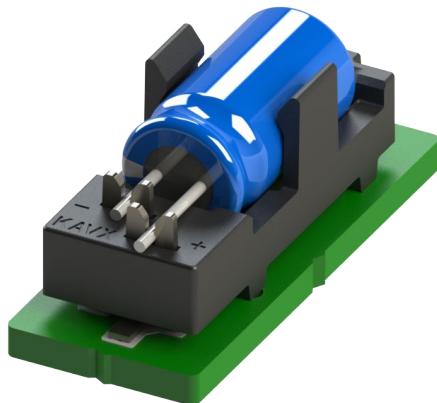


SMT CAPACITOR HOLDER: 9115-000

General Description



KYOCERA AVX continues to think outside the box and push the boundaries of the connector market. Our 9115 series of SMT capacitor holders allows manufacturers to eliminate hand soldering and improve production efficiency. Utilizing our proven insulation displacement (IDC) technology, we are able to safely and efficiently connect a capacitor to the PCB without the need for manual processes.

The 9115 Series SMT Cap Holder is packed with key features that provide significant functionality in a wide range of applications. Compatible with a vast array of capacitors from 6.3mm to 10mm in diameter, the housing allows the capacitor to be secured to the PCB after the SMT process. Simply run the holder through the SMT process, snap the capacitor into the holder, and simultaneously terminate the leads via the IDCs without soldering or bending the leads. This assembly process can be fully automated. In addition, the 9115 Series allows the PCB to be populated under the holder with 1mm clearance for smaller components.

APPLICATIONS

Provides ruggedized connection of electrolytic capacitors and SuperCaps for various industries

- Automotive
- Industrial
- Medical
- Application Notes: Refer to 201-01-241
- Product Specification: Refer to 201-01-242

FEATURES AND BENEFITS

- 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

ELECTRICAL

- Current Rating: Up to 10A
- Voltage Rating: 300VAC (RMS) or DC Equivalent

ENVIRONMENTAL

- Operating Temperature: -40°C to +85°C
- Storage Temperature: -40°C to +60°C

MECHANICAL

- Insulator Material: Nylon UL94 V-0
- Contact Material: Phosphor Bronze
- Plating: Tin Over Nickel
- Vibration: Random 27.8 m/s² RMS (target)
- Shock: 50g half sinus (target)

HOW TO ORDER

00 9115 002
 Prefix Series Number of Ways
 2 = 002

X
 Capacitor Diameter
 2 = 6.3mm
 3 = 8.0mm
 4 = 10.0mm

X
 Capacitor Length
 1 = 12mm
 3 = 20mm
 5 = 30mm

X
 Capacitor Lead Pitch
 1 = 2.3mm
 2 = 2.5mm
 3 = 3.2mm
 4 = 3.5mm
 5 = 3.8mm
 6 = 5.0mm

X
 Capacitor Lead Diameter
 1 = 0.50mm
 2 = 0.60mm

X
 Locating Pegs
 0 = w/ pegs
 1 = w/out pegs

6
 Plating
 Tin over Nickel



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