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122-09

SYRINGE DISPENSABLE, ELECTRICALLY CONDUCTIVE ADHESIVE

DESCRIPTION: 122-09 is a syringe dispensable, single component, silver filled, electrically conductive epoxy adhesive, suitable for application by syringe dispensing and stenciling. This product is designed for bonding of Tantalum Capacitors to lead frames, as well as for the assembly of electronic components.

TYPICAL CURED PROPERTIES:

Viscosity (cps)	280,000
Filler	Silver
Percent Silver, cured	> 81
Volume Resistivity (ohm-cm)	0.0005
Solderable	No
Hydrolytic Stability	Excellent
Useful Temperature Range (°C)	-55 to +220
Thermal Stability (°C)	Good to 325
T-Shear Strength (psi)	2000
Thermal Conductivity (W/mK)	8.13

SUGGESTED HANDLING & CURING: 122-09 is ready to use as supplied. Apply adhesive to surface to be bonded by hand and/or automatic method and assemble. Apply slight pressure to assure good mating of surfaces and formation of fillet. Best properties for most applications result when cured for 1 hour at 150°C. Good properties are obtained on a variety of substrates by curing at temperatures ranging from 120°C to 180°C. End user is advised to experimentally determine temperature and time best suited for individual applications.

STORAGE: Shelf Life - 12 months at 0°C.

SAFETY & HANDLING: Use with adequate ventilation. Keep away from sparks and open flames. Avoid prolonged contact with skin and breathing of vapors. Wash with soap and water to remove from skin.

All technical information is based on data obtained by CMI personnel and is believed to be reliable. No warranty is either expressed or implied with respect to results or possible infringements on patents.

REVISION DATE: 10/17/07 REVISION: B