

RT183

Electrically Conductive Epoxy Adhesive



Interconnect Solutions Worldwide

Description

RT183 is specifically designed for shield and connector termination in EMC applications.

Benefits

- Easy to use medium viscosity adhesive
- Room temperature or elevated temperature cure
- Easy to apply using the DuoSyringe system
- Standard size is 25ml (50g), with associated mixing nozzles and dispenser guns

Typical Properties

Curing

Work life at 23 °C:	60 minutes
Time to handling at 23 °C:	8 hours
Cure time at 23 °C:	24 hours
Cure time at 80 °C:	1 hour
Cure time at 100 °C:	30 minutes

Typical Performance (cured for 30 minutes at 100oC)

Lap Shear (Al / Al @ 23 °C)	8 MPa
Resistivity (@ 23 °C)	<10 ⁻² ohm-cm
Lap Shear (Al / Al, after 172hrs @ 150 °C)	8 MPa
Resistivity (after 172hrs @ 150 °C)	<0.01 ohm-cm
Lap Shear (Al / Al, after 172hrs @ 40 °C in water)	6 MPa
Resistivity (after 172hrs @ 40 °C in water)	<0.01 ohm-cm
Operating temperature range	-55 °C to 150 °C

Colour

Silver

Related Products

- RT125 flexible high performance epoxy adhesive

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