

71ZJ ESD Ceramic tips Tweezers

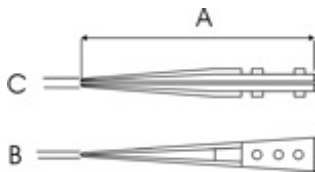


Fine tips

A 1.8" 45 mm

B 0.03" 0.7 mm

C 0.04" 0.9 mm



A71ZJ

Replaceable tips set (2 tips with screws)

General notes

- Zirconia Toughened Alumina (ZTA)
- a superior combination of high strength (from zirconia) and high hardness (from alumina)
- relatively low density
- no open porosity
- very hard surface, good abrasion and wear resistance
- good flexural strength and fracture toughness

- excellent thermal properties and high temperature stability
- extreme corrosion resistance, nearly chemically inert
- **ESD Safe static dissipative material**
- typically applications includes **handling of EOS/ESD** sensitive components, handling of components during thermal,
- chemical and soldering processes. Generally used when very rigid tips are required.

Thermal properties

Thermal conductivity	5 W/m·K	
Coef. of lin. therm expansion	9.5 E-6/°C	<i>25°C-1.000°C</i>
Continuous Use Temperature	1400°C	<i>20.000 h</i>
Shock resistance, ΔT	325°C	

Electrical properties

Surface resistivity	10 E7-10 E9 Ohm/sq.	<i>100 V</i>
Decay time	<0.5 sec	<i>1.000-10V</i>

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