KANBO®

Technical Data sheet

Conductive Injection-Molded Tweezers

◆ Product Description

Conductive injection-molded tweezers are anti-static tools specially designed for the electronics industry. They are made of special conductive plastic materials, featuring static discharge, good elasticity and no damage to sensitive components, and are widely used in precision electronic assembly and maintenance fields.

- Excellent conductive and anti-static performance
- Lightweight and ergonomic design
- High temperature resistance and chemical stability
- Non-magnetic and precision operation characteristics
- Multi-functional design and environmental-friendly features

◆ Typical Product Data and Physical Properties

Main material: PP (polypropylene)
Reinforcing component: Carbon fiber
Color: Black
Anti-static performance: ≤1.0×10 Ω
Tensile strength: ≥50MPa
Bending modulus: ≥2500MPa
Opening and closing fatigue life: ≥100,000 cycles

◆ Product Structure

- Conductive injection-molded tweezers adopt an integrated injection molding structure, featuring a solder-free and symmetrical double-tweezer arm design. they are made of carbon fiber-reinforced conductive material, equipped with 8 tips of different shapes, and have advantages such as heat and corrosion resistance as well as precision manufacturing, meeting the ESD protection and precision clamping needs in fields like electronic manufacturing.

Availability:

Item#	Model	Spec	Length	Weight
1.2.06.01.0004	93301	Inner-Convex Duckbill Tip	115MM	0.028kg
1.2.06.01.0007	93302	Long Pointed Tip	115MM	0.028kg
1.2.06.01.0005	93303	Needle Tip	115MM	0.028kg
1.2.06.01.0017	93304	Curved Flat Tip	115MM	0.028kg
1.2.06.01.0002	93305	Flat Tip	115MM	0.028kg
1.2.06.01.0001	93306	Right-Angle Curved Tip	115MM	0.028kg
1.2.06.01.0008	93307	Short Pointed Tip	100MM	0.028kg
1.2.06.01.0003	93308	Duckbill Tip	115MM	0.028kg

◆ Typical Applications

- Conductive injection-molded tweezers are suitable for ESD protection operations in multiple fields such as electronic manufacturing, precision instruments, and scientific research. With different tip designs including wide flat tip, long pointed tip and curved tip, the 8 models respectively meet the targeted scenario needs such as chip packaging, precision IC operation, and narrow space operation.

◆ Technical and Application Assistance

HORB provides a technical hotline to answer your technical and application related questions.

◆ Note:

This information is believed to be accurate. It is intended for professional end users having the skills to evaluate and use the data properly. HORB data is for reference purposes only.