



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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In-use photo - circuit boards not included

8521	Single Card Carrier, 9" x 12" x 1.25" (229mm x 305mm x 32mm)
8522	Single Card Carrier, 17" x 18" x 2" (432mm x 457mm x 51mm)
8523	Single Card Carrier, 10" x 8" x 2" (254mm x 203mm x 51mm)

"It should be understood that any object, item, material or person could be a source of static electricity in the work environment. Removal of unnecessary nonconductors, replacing nonconductive materials with dissipative or conductive materials and grounding all conductors are the principle methods of controlling static electricity in the workplace, regardless of the activity." [ESD Handbook ESD TR20.20 section 2.4 Sources of Static Electricity]

Features

- Static Shielding Single Card Carrier with Dissipative Cushioning Foam. Ideal for static-safe storage and in-process handling and transporting. Protects individual printed circuit boards from static and physical damage during storage and transport
- Made from Velostat® injection molded, conductive polypropylene
- Includes a 10mm Female Snap Socket (can use a ground cord [not included] with a 10mm male stud snap to attach to ground)
- Carriers are noncorrosive and lightweight
- Meets ANSI/ESD S20.20 and Packaging Standard ANSI/ESD S4.1
- Made in the United States of America

Specifications

Property - Plastic

Property - Plastic	Test Method	Value
Hardness	ASTM D2240	67-71 Shore D
Maximum Temp. Exposure		180°F
Tensile Strength	ASTM D638	2800 - 3000 psi
Flex Modulus	ASTM D790	130,00 - 150,000 psi
Electrical Conductance		
Volume Conductive	ASTM D991	<500 ohms/cm
Volume Resistance	ANSI/ESD STM11.12	<1 x 10 ⁴ ohms

Properties - Foam

Properties - Foam	Test Method	Value
Density	ASTM D3574-08	1.4 lb
Compression Set @ 50%	ASTM D3574-08	10%
Tensile Strength	ASTM D3574-08	12.0 psi
Surface Resistivity	ASTM D257	1 x 10 ¹¹ ohms square
Static Decay	FTMS 101C	2.0 seconds

Chemical Resistance	Reactions
Alcohol	Resistant
Aromatic Hydrocarbons	Severe Attack
Aliphatic Hydrocarbons	Moderate Attack
Concentrated Acids	Slight Attack
Concentrated Alkalines	Slight Attack
Kerosene	Severe Attack
Ketones (Acetone)	Moderate Attack
Mineral Oil	Slight Attack
Oil & Gasoline	Moderate Attack

Specifications and procedures subject to change without notice



Made in the United States of America

Velostat® Single Card Carriers

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DRAWING NUMBER
8521

DATE:
November
2017

PROTEKTIVE PAK