



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

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





Laird 81720 Conductive Fabric Tape is an ultra-thin tape which offers exceptional conformability and conductivity for dynamic flex applications. It's constructed of nickel/copper metalized fabric with a conductive pressure sensitive adhesive (PSA). This reliable tape design provides outstanding shielding performance while offering superior abrasion and corrosion resistance under high dynamic flex conditions.

Laird 81720 is a halogen free product and can be supplied in tape or further customized to application by die-cutting, hole punching, and so on.

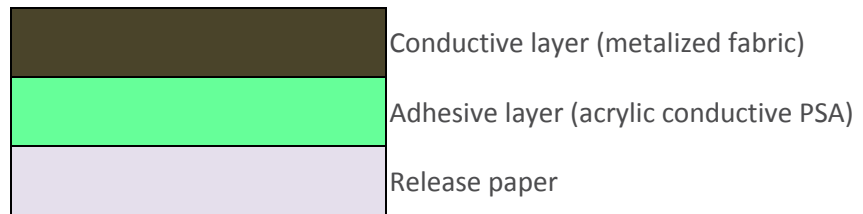
FEATURES

- Ultra-thin
- RoHS compliant
- Halogen-free per IEC-61249-2-21 standard
- Low surface resistivity of $< 0.04 \Omega/\square$ provides excellent conductivity

APPLICATIONS

- Cabinet applications
- LCD and Plasma TV
- Medical equipment
- Servers
- Printers
- Laptop computers

COMPOSITION



CHARACTERISTICS

ITEM	UNIT	SPEC	TEST METHOD
Thickness	mm	0.027 ± 0.004	-
Peel Adhesion	N/25mm	>8	PSTC 101*
Shear Adhesion @R.T.	Hrs	>24	PSTC 107#
Shear Adhesion @80°C	Hrs	>1	PSTC 107#
Tensile Strength, MD	N/25mm	>45	-
Operation Temperature	°C	-10 to 80	-
Surface Resistivity(fabric side)	Ω/\square	<0.04	ASTM F390
Z-axial Resistance	Ω	<0.03	-

Remark * : Test Method A, dwell time 60 minutes
: Contact area 25mm by 25mm

Note: According to the ultra-thin fabric, the adhesive may bleed through the fabric in some severe conditions. Such bleeding will not impact the physical performance.

SHELF LIFE

12 months under 23°C /65% R.H.

EMI-DS-FOF-81720 121318

Americas: +1.800.843.4556
Europe: +49.8031.2460.0
Asia: +86.755.2741.1166

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