



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!



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Description:

As required by ANSI/ESD S20.20 Packaging standard ANSI/ESD S541 these conductive boxes are marked with the ESD protective symbol. They contain one piece of high density foam for insertion of component leads and one piece of low density foam which acts as a cushioning material.

[57000](#) has only 1 piece of foam, all other sizes have 2 pieces of foam.

*Low density foam not included in item [57000](#)

Properties:

Material:	Black conductive polypropylene
Resistance:	Less than 1×10^5 ohms (per ANSI EOS/ESD S11.11)
Size Tolerance:	$\pm 1/32$ "
Temperature Limits:	0° to 120° F
Hinge:	Molded one-piece (57000-57006), Pin two-piece (57008-57012)
Closure:	Snap
Top Foam:	1/4" (.25", 6mm) thick low density foam
Bottom Foam:	1/4" (.25", 6mm) thick high density foam

ITEM NO.	INSIDE DIMENSIONS WITHOUT FOAM	
	SIZE - MM	SIZE - INCHES
*		
57000	33 x 33 x 12	1.3 x 1.3 x 0.46
57002	73 x 51 x 16	2.9 x 2 x 0.63
57004	90 x 64 x 16	3.5 x 2.5 x 0.63
57006	107 x 82 x 13	4.2 x 3.2 x 0.52
57010	229 x 126 x 21	9 x 5 x 0.81
57008	229 x 126 x 30	9 x 5 x 1.19
57012	229 x 126 x 40	9 x 5 x 1.58

* All boxes have the ESD Protective Symbol molded into them. 

ANSI/ESD S541 section 6.1 Inside an EPA "Packaging used within an EPA (that satisfies the minimum requirements of ANSI/ESD S20.20) shall be:

1. Low charge generation.
2. Dissipative or conductive materials for intimate contact."

ANSI/ESD S541 section 7.2.2 Resistance of Dissipative Materials "A static dissipative material shall have a surface resistance of greater than or equal to 1.0×10^4 Ohms but less than 1.0×10^{11} Ohms. Packaging materials that are in intimate contact with devices should be dissipative."



Made in America

Specifications and procedures subject to change without notice

Conductive Hinged Box with Foam

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DRAWING NUMBER
57000

DATE:
April
2010

PROTEKTIVE PAK