Datasheet revision 1.7

www.chipquik.com

CQ-ESD-MAT and Accessories

Product Highlights

Chip Quik ESD Mats are 0.079” (2mm) thick and come in sizes of 1x1 feet, 1x2 feet, 2x3 feet, 2x4 feet, as well as 50-foot-long rolls in widths of 2, 2.5, 3 and 4 feet.

RoHS 3 and REACH compliant



Specifications

Thickness: 0.079" (2mm)
Resistance (Surface to Ground): 1x10^6 to 1x10^9 ohms
Resistance (Surface to Surface): 1x10^6 to 1x10^9 ohms

Orderable Part Numbers

Part Number	Color	Size (Tolerance)	Thickness	Resistance
CQ-ESD-MAT-1x1	Light Blue	1’ x 1’ (-0/+2%)	0.079”	10^6 to 10^9 ohm
CQ-ESD-MAT-1x2	Light Blue	1’ x 2’ (-0/+2%)	0.079”	10^6 to 10^9 ohm
CQ-ESD-MAT-2x3	Light Blue	2’ x 3’ (-0/+2%)	0.079”	10^6 to 10^9 ohm
CQ-ESD-MAT-2x4	Light Blue	2’ x 4’ (-0/+2%)	0.079”	10^6 to 10^9 ohm
CQ-ESD-MAT-2x50	Light Blue	2’ x 50’ (-0/+2%)	0.079”	10^6 to 10^9 ohm
CQ-ESD-MAT-2.5x50	Light Blue	2.5’ x 50’ (-0/+2%)	0.079”	10^6 to 10^9 ohm
CQ-ESD-MAT-3x50	Light Blue	3’ x 50’ (-0/+2%)	0.079”	10^6 to 10^9 ohm
CQ-ESD-MAT-4x50	Light Blue	4’ x 50’ (-0/+2%)	0.079”	10^6 to 10^9 ohm
CQ-ESD-WRIST-1	Light Blue	3’-6’ stretch		1M ohm
CQ-GROUND-CORD-1	Black	6’		1M ohm
CQ-ESD-BUTTON-1	Metal			
CQ-ESD-CRIMPER-1	Green/Red			

What’s Included

- 1x1 foot, 1x2 foot, 2x3 foot and 2x4 foot ESD Mats each come with two grounding buttons pre-installed, as well as one wrist strap and one grounding cord.
- 50-foot rolls do not include grounding buttons, wrist straps or grounding cords, but those parts can be ordered separately.

Grounding

Lay the ESD Mat in position on your work surface (Light Blue side up, black side down). Snap the black ground cord to a grounding button on the ESD Mat. Connect the other end of the ground cord to a common ground point, such as the center screw of a standard AC electrical outlet, using the ring terminal located on the end of the ground cord. Testing is recommended to make sure the screw is properly grounded.

Product Photos



CQ-ESD-MAT-1x1



CQ-ESD-MAT-1x2



CQ-ESD-MAT-2x3



CQ-ESD-MAT-2x4

Continued on Next Page →

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Product Photos Continued



CQ-ESD-MAT-2x50



CQ-ESD-MAT-2.5x50



CQ-ESD-MAT-3x50



CQ-ESD-MAT-4x50



CQ-ESD-WRIST-1



CQ-GROUND-CORD-1



CQ-ESD-BUTTON-1



CQ-ESD-CRIMPER-1

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Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

CHIP QUIK:

EGS10B-20G IPC0122-S SBB206 SOLDERWICK2.8 TS391SNL10 SMDPST100 IPC0063 IPC0071 SMD2SW.015 100G SMDLT75G SMDLTLFP15T4 SMDLTLFP250T5 CQ10CC-QTY1 PA0006C PA0089 TS391LT10 PA0071 SMD6000 CQ2LF-B-R NCSWLF.015 2OZ PA0038 PA0061C PA0109 DC2220J-10X NDR050D254P040 PA0060 PA0074-S REM16-ULTRA-NL SMD291AX10 PA0084