



E-Song America, Inc.

100%
RoHS Compliant
Products

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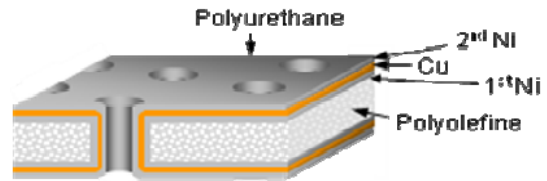
Conductive Cushion Pad: CCGEA



Characteristic

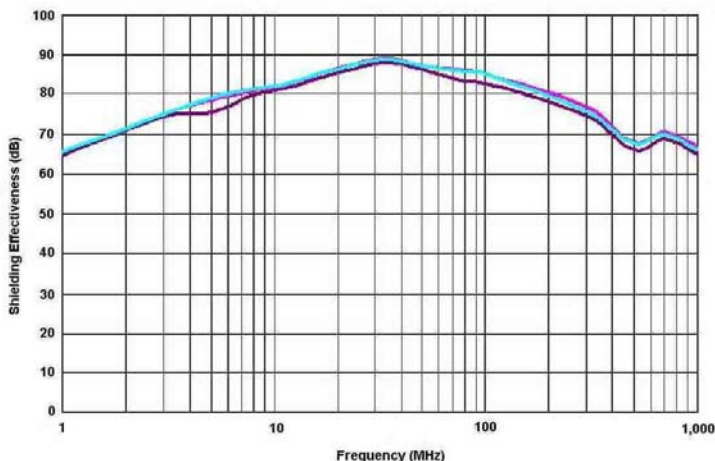
This product is a cushion pad, electrically conductive in X, Y, Z-axis, with excellent shielding effectiveness. Die-cut shapes are available with nominal tooling fee. It can protect LCD from shock, dust and from electro-static discharge. Ideal for mobile phones, PDA's, laptop computers, and many other hand-held and portable electronic devices.

Product Structure



Technical data

Part No.	CCGEA-0.2	CCGEA-0.3	CCGEA-0.5	CCGEA-0.7	CCGEA-0.8	CCGEA-1.1	CCGEA-1.5	Test Method
Max. Width (mm)	1050 ± 20	1050 ± 20	1050 ± 20	1000 ± 20	1050 ± 20	1000 ± 20	1000 ± 20	
Weight (g/m ²)	116.5 ± 10	90 ± 10	115 ± 10	128 ± 10	124 ± 10	178 ± 10	215 ± 20	ASTM D3776
Thickness (mm)	0.2 ± 0.1	0.3 ± 0.1	0.5 ± 0.1	0.7 ± 0.1	0.8 ± 0.1	1.1 ± 0.2	1.5 ± 0.2	ASTM D1777
Surface Resistance (Ω/sq)	0.08	0.08	0.08	0.08	0.08	0.08	0.08	MIL-G-83528
Vertical Resistance (Ω/sq)	0.03	0.03	0.03	0.03	0.03	0.03	0.03	
Shielding Effectiveness (dB)	100MHz	65	65	65	65	65	65	
	1GHz	62	62	62	62	62	62	
	15GHz	65	65	65	65	65	65	
Compression Recovery (%)	75 ±	75 ±	75 ±	75 ±	75 ±	75 ±	75 ±	
Operating Temp. (°C)	-10 ~ +100	-10 ~ +100	-10 ~ +100	-10 ~ +100	-10 ~ +100	-10 ~ +100	-10 ~ +100	



TEST ITEMS	MDL	RESULTS
Cadmium (Cd)	0.5mg/kg	ND
Lead (Pb)	5.0mg/kg	ND
Mercury (Hg)	2.0mg/kg	ND
Hexavalent Chromium (Cr ⁶⁺)	1.0mg/kg	ND
Polybrominated Biphenyl (PBBs)	5.0mg/kg	ND
Polybrominated Diphenyl Ether (PBDEs)	5.0mg/kg	ND

RoHS (tested by Intertec)

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