

ISO9001
ISO14001
ISO/TS16949



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2015

Electronic Materials Components

SMD Shield Clip

- ▮ Shield Clip
- — Shield Clip

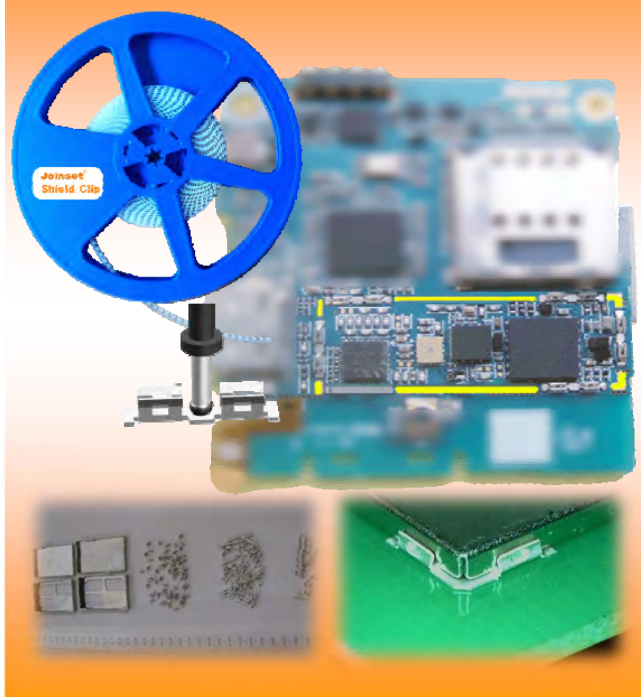


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SMD Shield Clip



Easy Re-Work

Easy Installation

1 SMD Shield Clip?

“SMD Shield Clip” is the metal clip for Shield Case(Can) that is used for the EMI shielding.

“SMD Shield Clip” is mounted on the ground pattern of PCB by reflow soldering of SMT, then Shield Case will be inserted into the “SMD Shield Clip”.

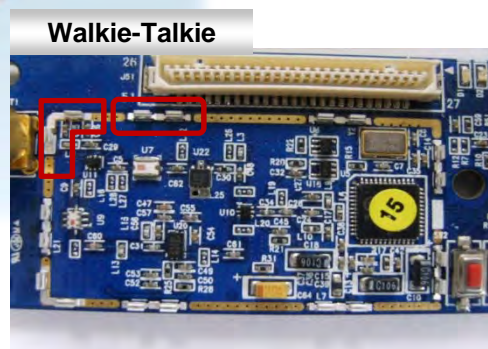
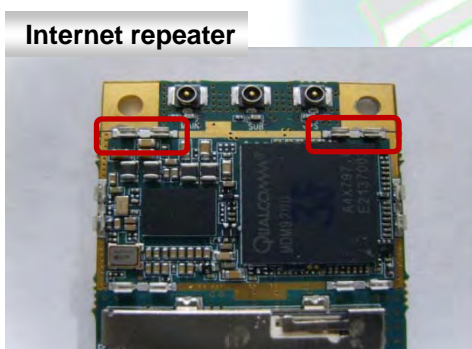
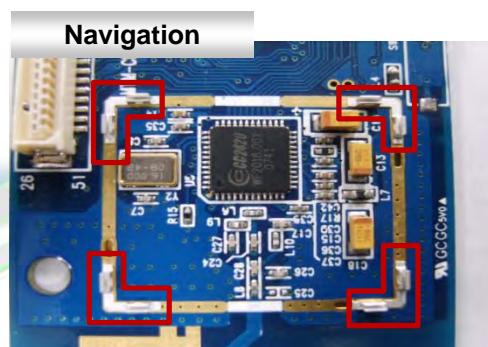
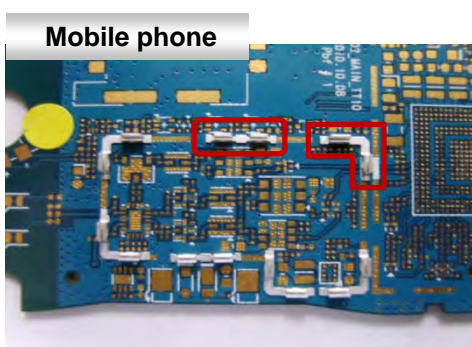
You can remove the Shield Case from “SMD Shield Clip” for re-work.

There are two shapes of “SMD Shield Clip”, one is “—” shape for standard usage and the other is “┐” shape for rectangular usage. “┐” shape “SMD Shield Clip” can provide the best insertion condition and can reduce the number of “SMD Shield Clip” comparing with “—” shape. The height of outer wing of “┐” shape of “SMD Shield Clip” is higher than its height of inner wing for easy insertion of Shield Case.







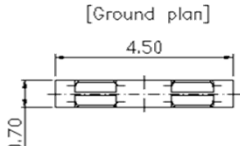

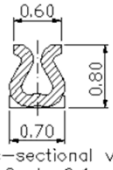
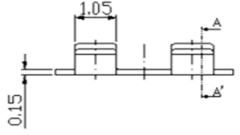
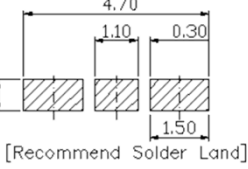
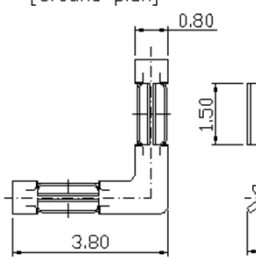
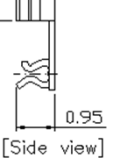
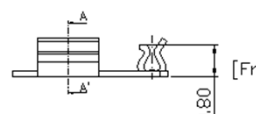
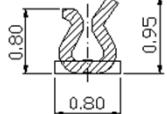
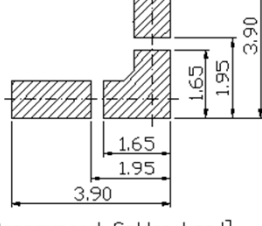






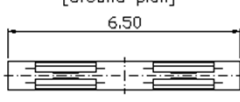

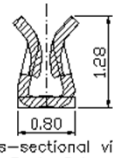
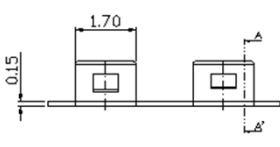
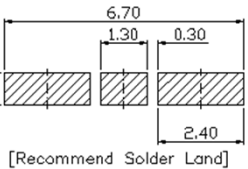
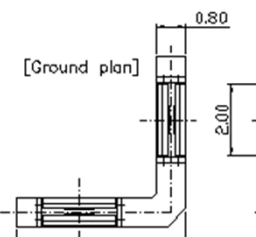
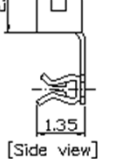
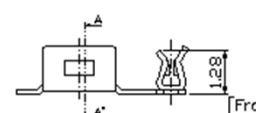
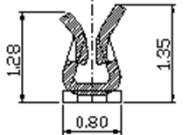
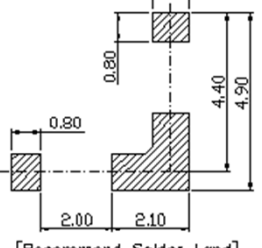
2 FEATURES

- Suitable for easy re-work * Proper insertion & withdrawal force
- Meet EU-RoHS, Halogen Free, Beryllium Free
- “┐” shape can reduce the number of Clips (cost & size save)







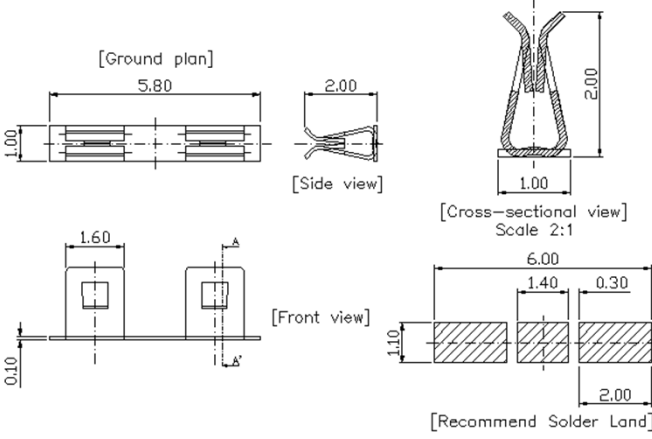
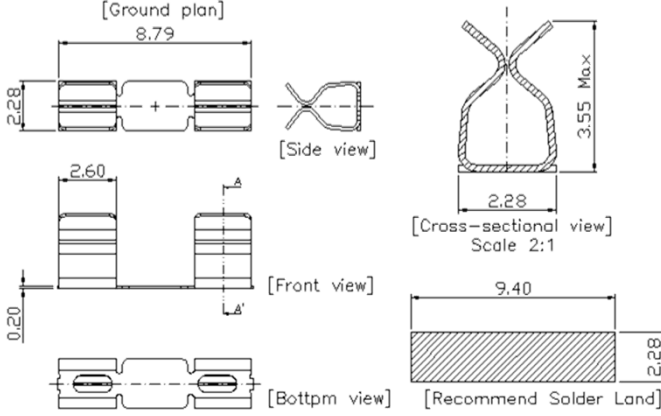
3 Applications Mobile phone, Navigation, TV, PDA, Internet Repeater, RF Controller, etc.



4 Shape and Kinds

SC-080-01	SC-080-90
<p>Perspective view</p>  <p>Top view</p>  <p>Side view</p> 	<p>Perspective view</p>  <p>Top view</p>  <p>Side view</p> 
<p>[Ground plan]</p>  <p>[Side view]</p>  <p>[Cross-sectional view] Scale 2:1</p>  <p>[Front view]</p>  <p>[Recommend Solder Land]</p> 	<p>[Ground plan]</p>  <p>[Side view]</p>  <p>[Front view]</p>  <p>[Cross-sectional view] Scale 2:1</p>  <p>[Recommend Solder Land]</p> 
SC-128-01	SC-128-90
<p>Perspective view</p>  <p>Top view</p>  <p>Side view</p> 	<p>Perspective view</p>  <p>Top view</p>  <p>Side view</p> 
<p>[Ground plan]</p>  <p>[Side view]</p>  <p>[Cross-sectional view] Scale 2:1</p>  <p>[Front view]</p>  <p>[Recommend Solder Land]</p> 	<p>[Ground plan]</p>  <p>[Side view]</p>  <p>[Front view]</p>  <p>[Cross-sectional view] Scale 2:1</p>  <p>[Recommend Solder Land]</p> 

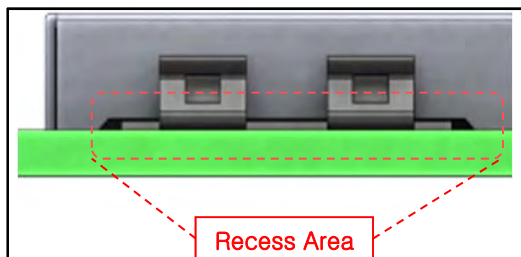
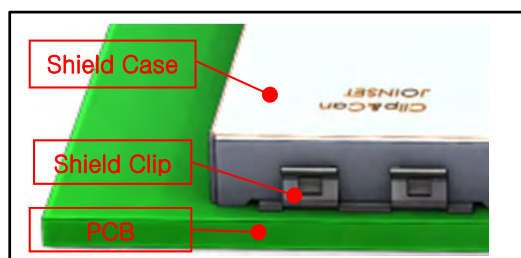
4 Shape and Kinds

SC-200-01		SC-350-01	
<p>Perspective view</p>  <p>Top view</p>  <p>Side view</p> 		<p>Perspective view</p>  <p>Top view</p>  <p>Side view</p> 	
			

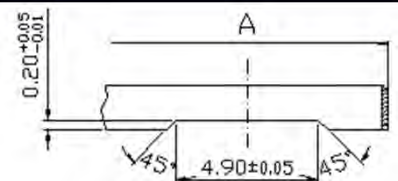
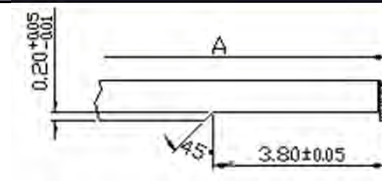
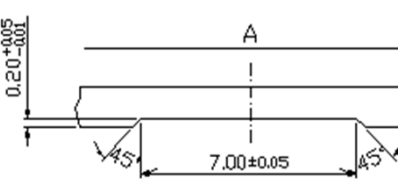
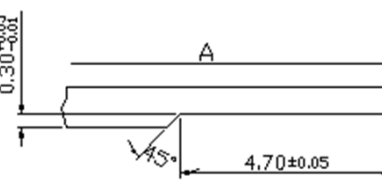
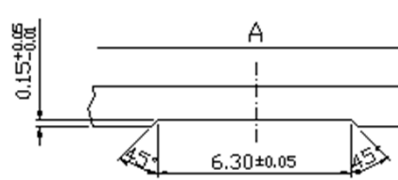
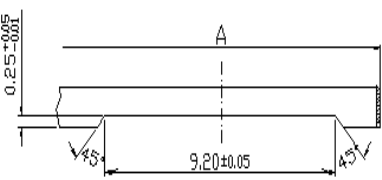
5 Properties

Item	SC-080-01	SC-080-90	SC-128-01	SC-128-90	SC-200-01	SC-350-01
Material	Stainless Steel					
Finish	Tin Plated					
Thickness	0.15mm				0.10mm	0.2mm
Thick. Of Shield Can	0.15~0.20mm		0.2-0.25mm			0.17~0.30mm
Operating Temp.	-25°C ~ 150°C					
Resistance	Max 100mΩ					
Solderability	More than 95%					
Insertion Force	Max 2.0kgf					Max 1.5kgf
Withdraw at Force	Min. 0.05kgf					Min 0.03kgf
Number of Insertion Repetition	Max. 10 times					
Environment	Eu-RoHS Compliant, Pb & Halogen Free					
Thickness of Solder Cream(Recommend)	0.08mm ~ 0.12mm					

6 Shield Case's Recess Area for insert insertion of Shield Clip



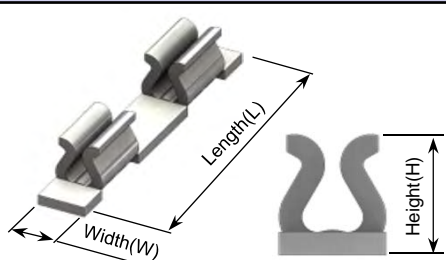
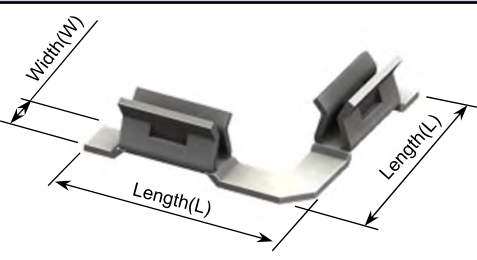
<Detail view>

SC-080-01	SC-080-90
	
SC-128-01	SC-128-90
	
SC-200-01	SC-350-01
	

7 Product Name(How to Order)

Part Number : SC - 080 - 01

① ② ③

① Serial	Shield Clip	
② Height(mm)	Product Height	
③ Type	01 : “—” Type	90 : “┐” Type
		

Product Name		SC-080-01	SC-080-90	SC-128-01	SC-128-90	SC-200-01	SC-350-01
Packing Quantity	Reel	20,000ea	6,000ea	15,000ea	6,000ea	5,000ea	1,500ea
	Box	220,000ea	66,000ea	135,000ea	54,000ea	45,000ea	21,000ea