

Compact and Corner SMD shield clips

EMC shielding solutions for ease of manufacture and servicing

Harwin's newest shield clip S0911-46R is the smallest surface mount shield clip on the market, now making it possible for the smallest of cans with sides of 1mm to be fixed to a pcb by hand.

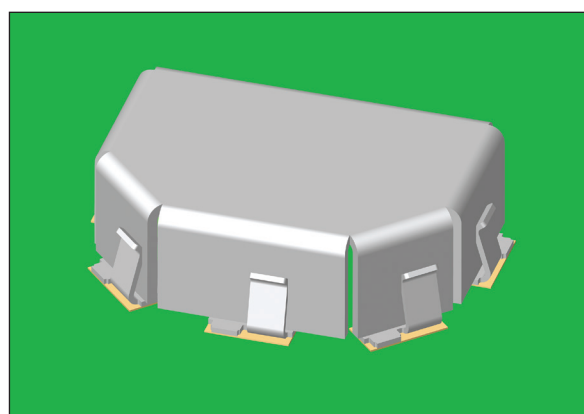
The S0921-46R corner shield clip provides an additional shielding area for the corner gaps in the folded cans, improving all-round protection against interference.

Shield clips avoid the need for soldering, are packaged in tape and reel for automation, and enable the can to be easily removed in case of the need for inspection or regular servicing.



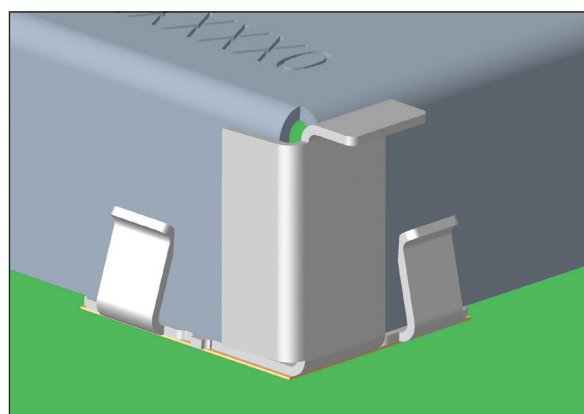
Compact shield clip S0911-46R

Features and Benefits	
Ease of manufacture for EMI shielding solutions and more environmentally friendly	Uses less solder, simple operation to attach the can to the PCB. No heat sink effect from directly soldering a can to a PCB
Use with maintenance or inspection	Easily remove and attach the can to access the internal circuitry
Save space on your PCB with the compact clip design	Designed for the miniaturisation of consumer electronics
Make your PCB design flexible during development	Complex shield can designs with short sides now can be used with shield clips
Increased shielding coverage	Corner coverage built in to improve frequency range of shielding
Mid retention force for a high range of applications	Suitable for high reliability applications or static easy to service products
Packaged in tape and reel	Designed for automation and pick and place manufacturing
Protect against RFI	Multiple antenna environments



Useful for cans with short sides

Key Applications	
IOT	Low cost small products and sensors
Wearables	Smart watches, mobile phones
Sensors with antennas	Lightweight products with wireless functions
Portable devices	USB sticks, MP3 players



Corner shield clip S0921-46R

Compact and Corner SMD shield clips

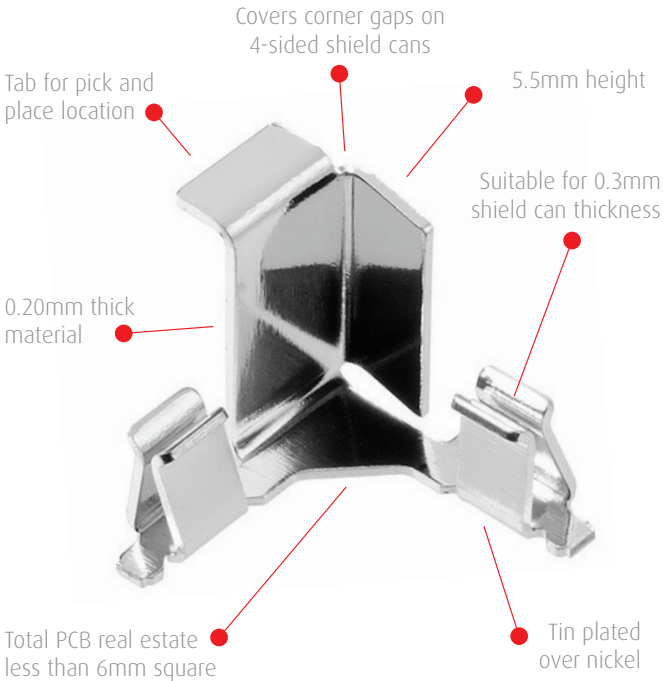
EMC shielding solutions for ease of manufacture and servicing

Product Features

S0911-46R



S0921-46R



Specifications

Electrical		Mechanical		Physical	
Contact Resistance	25 mΩ max	No. of Operations	20 cycles	Packaging	S0911-46R - 6500 pcs in tape and in standard Ø330mm reel
		Temperature Range	-55°C to +105°C		S0921-46R - 600 pcs in tape and in standard Ø330mm reel
		Insertion Force	S0911-46R - 3N max S0921-46R - 15N max	Base Material	S0911-46R - Beryllium Copper S0921-46R - Cupro Nickel
		Withdrawal Force	S0911-46R - 0.1N max S0921-46R - 0.3N max	Plating	2.4µm - 3.6µm Tin over 2.0µm - 2.8µm Nickel

Additional Literature

Product Training Module >>

Website link (S0911-46R) >>

Website link (S0921-46R) >>