

Customer Information Sheet

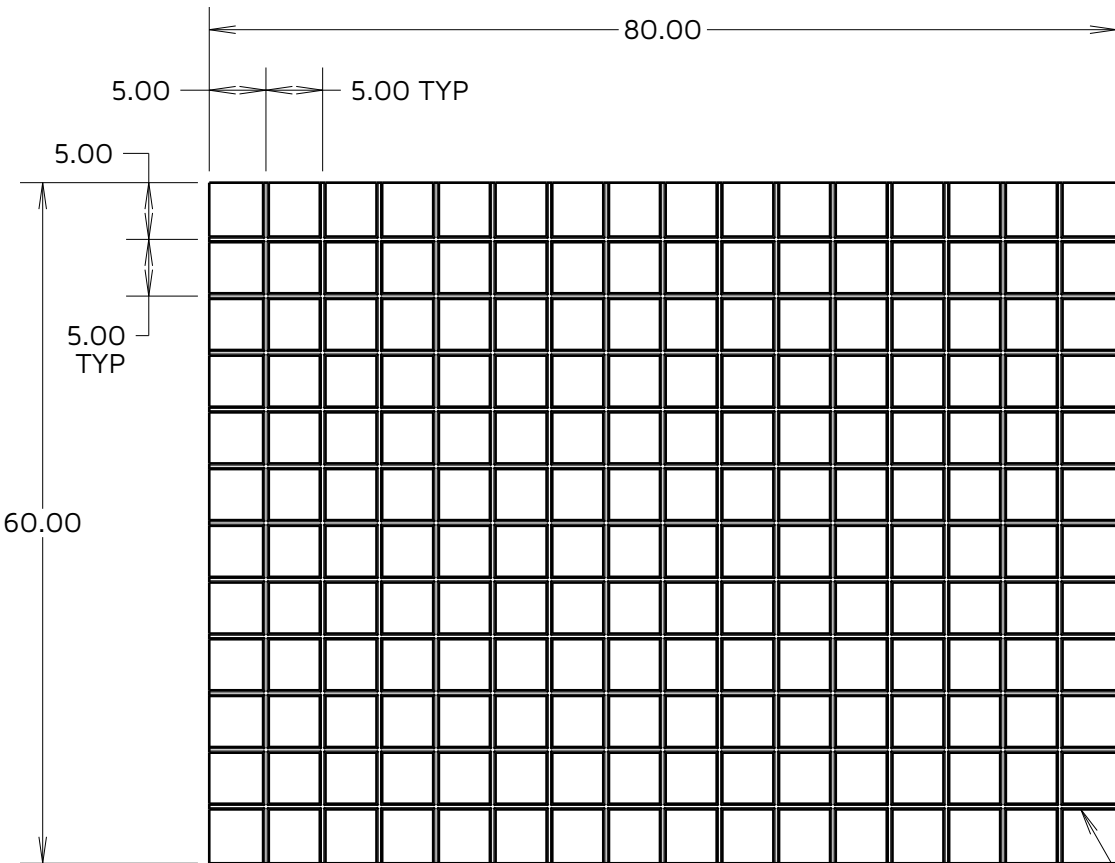
IF IN DOUBT - ASK

©

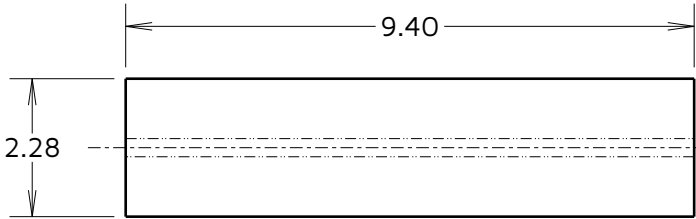
NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



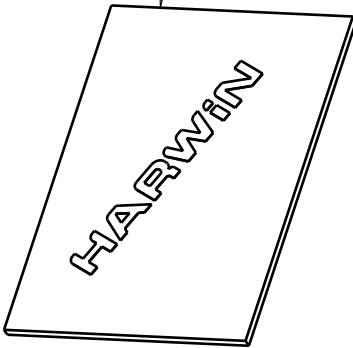
ETCHED CAN SHEET



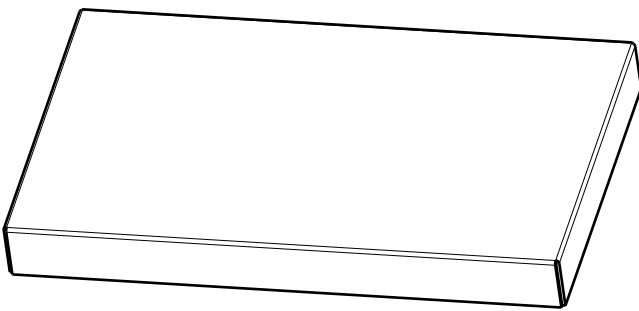
RECOMMENDED PAD LAYOUT FOR S1711-46R

1/2 ETCHED LINES FOR FOLDING

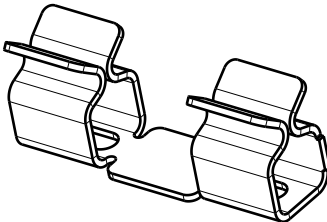
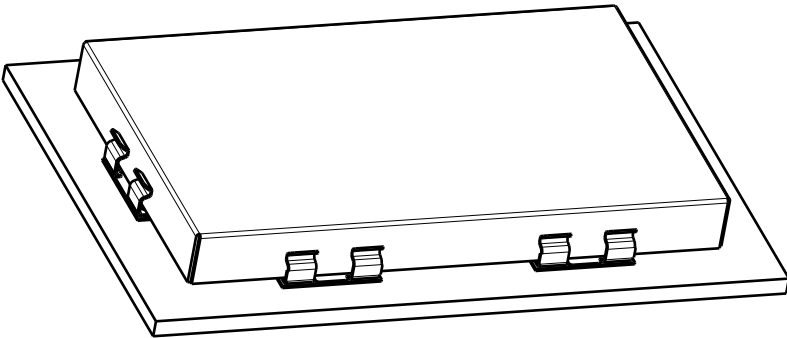
SHIELD CAN KIT INSTRUCTION SHEET



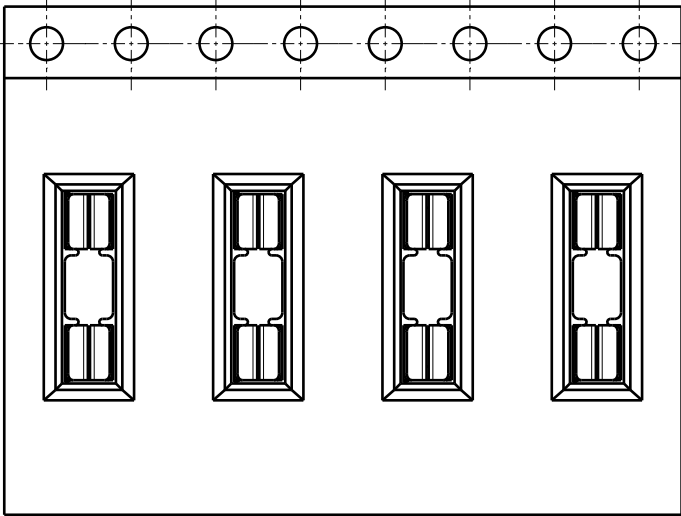
NICKEL SILVER, HALF HARD NS106, TO BS1653 0.30mm THICK (UNPLATED)



VIEW OF FOLDED CAN FOR ILLUSTRATION ONLY



RFI SHIELD CLIPS



- NOTES:
- S01-806005KIT IS COMPOSED OF:
1 x Y0905-00: CLEAR HARWIN BOX,
2 x S01-806005SHEET: ETCHED NICKEL SILVER CAN SHEETS,
24 x S1711-46R: RFI SHIELD CLIPS IN STRIPS OF 12,
1 x IS-39: SHIELD CAN KIT INSTRUCTION SHEET.
 - FOR COMPONENT DETAILS OF RFI SHIELD CLIP, SEE DRAWING S1711-46R.

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TOLERANCES
X. = $\pm 1\text{mm}$
X.X = $\pm 0.50\text{mm}$
X.XX = $\pm 0.20\text{mm}$
X.XXX = $\pm 0.01\text{mm}$
ANGLES = $\pm 5^\circ$
UNLESS STATED

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MATERIAL:

SEE ABOVE

TITLE:
EZ-BOARDWARE SHIELD CAN AND SMT RFI SHIELD CLIP KIT

DRAWING NUMBER:
S01-806005KIT

SHT
2 OF
2

AB	4	30.04.24	33993
NAME	ISS.	DATE	CN/CO
APPROVED:		A.BOXALL	
CHECKED:		R.PORTLOCK	
DRAWN:		S.BENNETT	
ASSEMBLY DRG:			

1



Your Kit contains:

- 2 x Shield Can Sheets
- 24 x RFI Shield Clips
- 1 x Instruction Sheet

Tools required:

- A pair of scissors
- A rule
- A solid, flat work surface

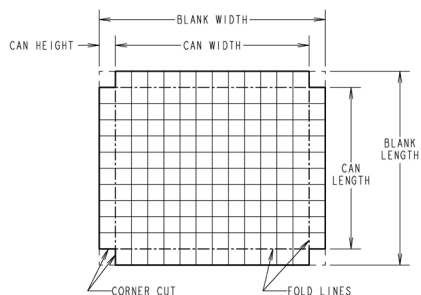
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Shield Can Kit Instruction Sheet

S01-806005KIT

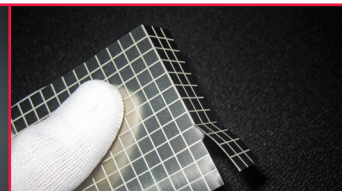
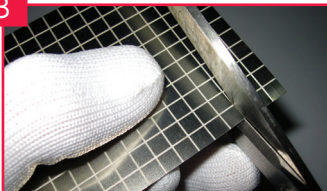
IS-39 Issue: 4 Date: 18/12/2023

2



Use this diagram as a guide when cutting your etched Shield Can Sheets.

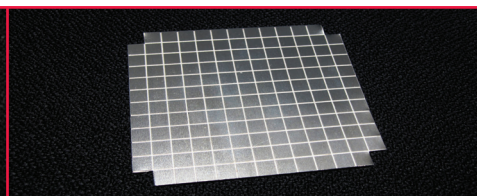
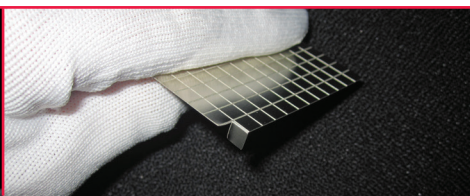
3



Creating the blank:

- Cut along the etch lines to create blank size (Step 2).
- It's not necessary to cut all the way; fold the surplus section back and forth until it breaks away.

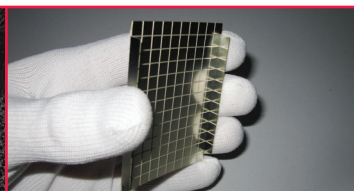
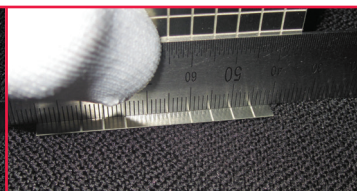
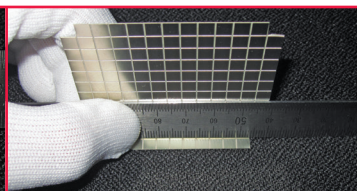
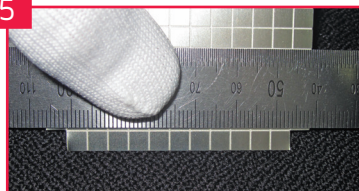
4



Creating the flat pattern:

- Remove corners of the sheet; one grid square equals 5mm can height.
- Cut one edge with scissors, then fold back and forth along the other edge until the square breaks away.
- Repeat on the remaining three corners.

5



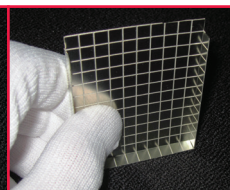
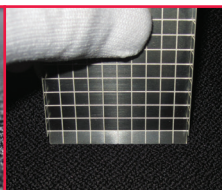
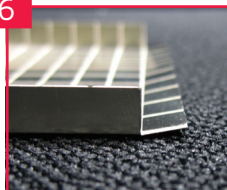
Forming:

- Securely hold the rule along your fold line.
- Apply force to bend the sheet against the work surface.
- Ensure that the side is bent to 90° with etching inside the can.
- Repeat on the opposite side.

Note:

Maintaining your hold on the rule whilst bending will ensure that the edge has a sharper form.

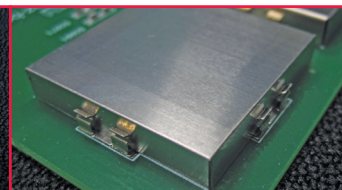
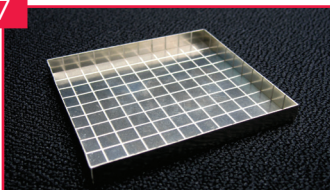
6



Forming cont.:

- On the third side of the can, apply light force with hands to the fold line; forming a slight bend (above).
- Using your work surface, push the side flat against it (90° to top surface).
- Repeat on the opposite side.

7



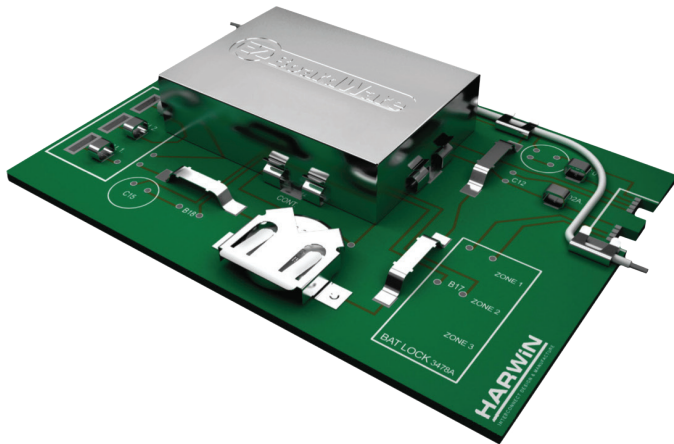
You now have a finished can! Use the can with S1711-46R RFI Shield Clips provided.

Harwin recommend S1711-46R clips are reflow soldered to a PCB.

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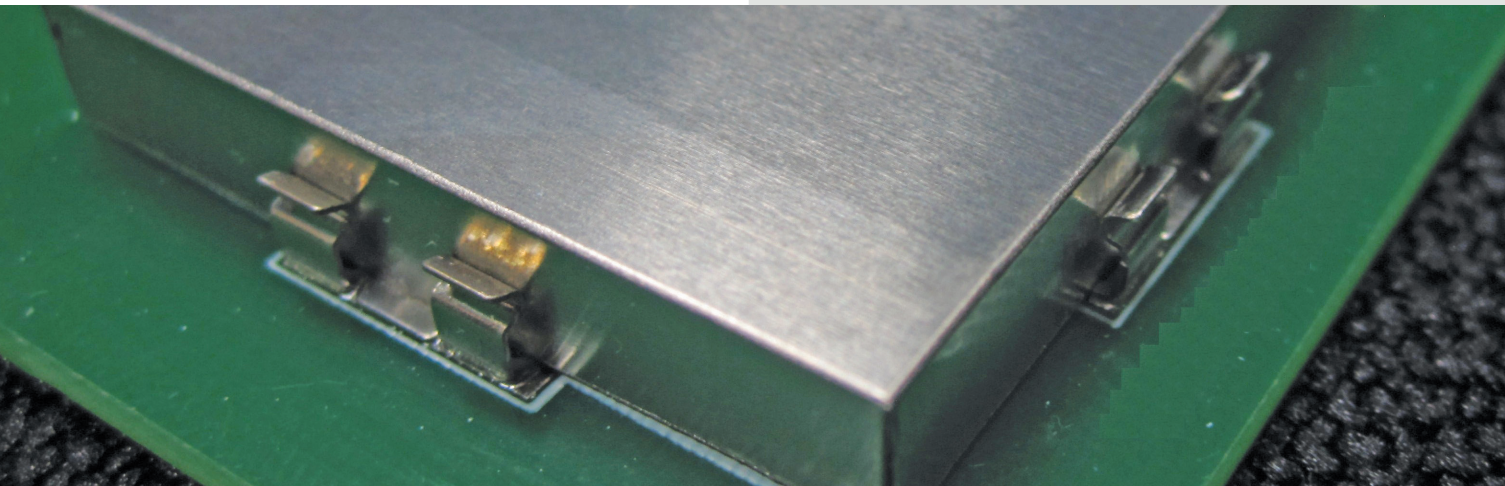
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