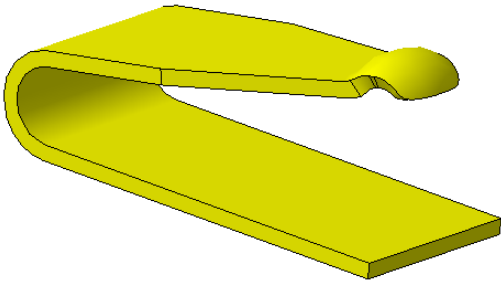


*Application note*

## CW9908 C-clip connector

Pulse Part Number: CW9908



### Status

<b>Author</b>	JaT	<b>Version</b>	0.0.2
<b>Checked by</b>	KiKo	<b>Date</b>	14.12.2009
<b>Approved by</b>	KiKo	<b>Date</b>	14.12.2009

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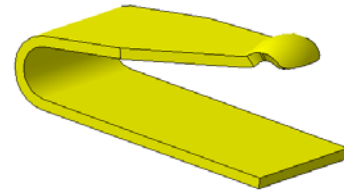
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## CW9908 C-clip Connector General Features and Applications

### Features

- PWB footprint 3,2x 1,7mm
- Ni+Au plating
- ROHS compliant product
- Nominal contact height 1mm

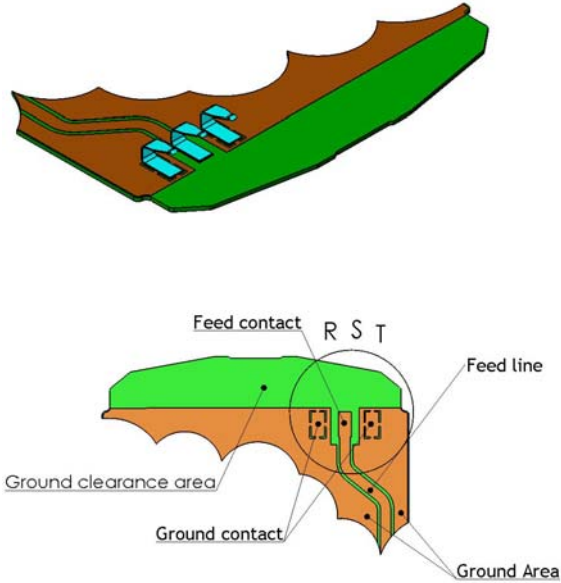


### Applications

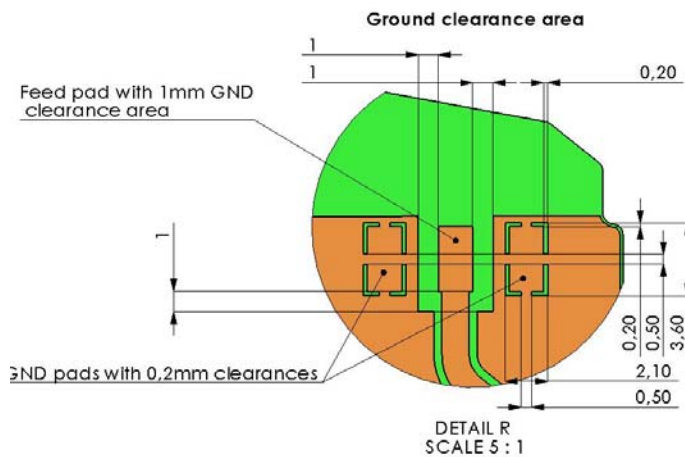
- Antenna contacts

## CW9908 C-clip Configuration and Dimensions

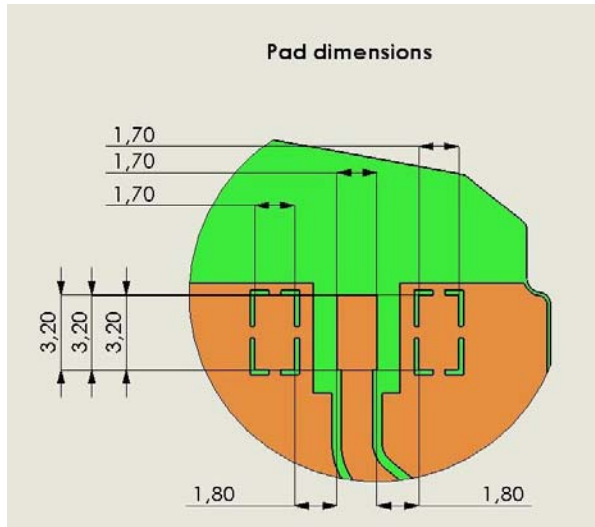
### PWB layouts for CW9908 C-clip



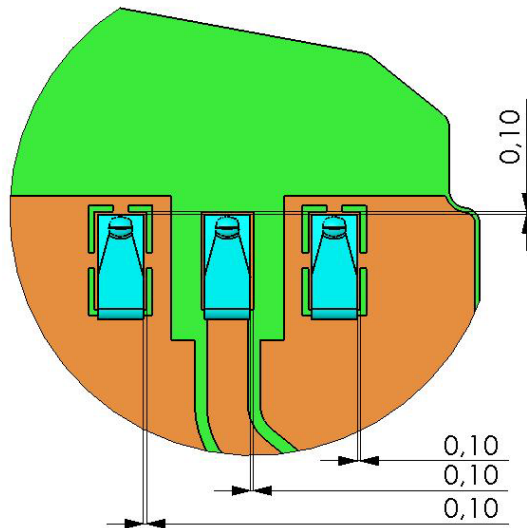
### Ground clearance area for CW9908 C-clip



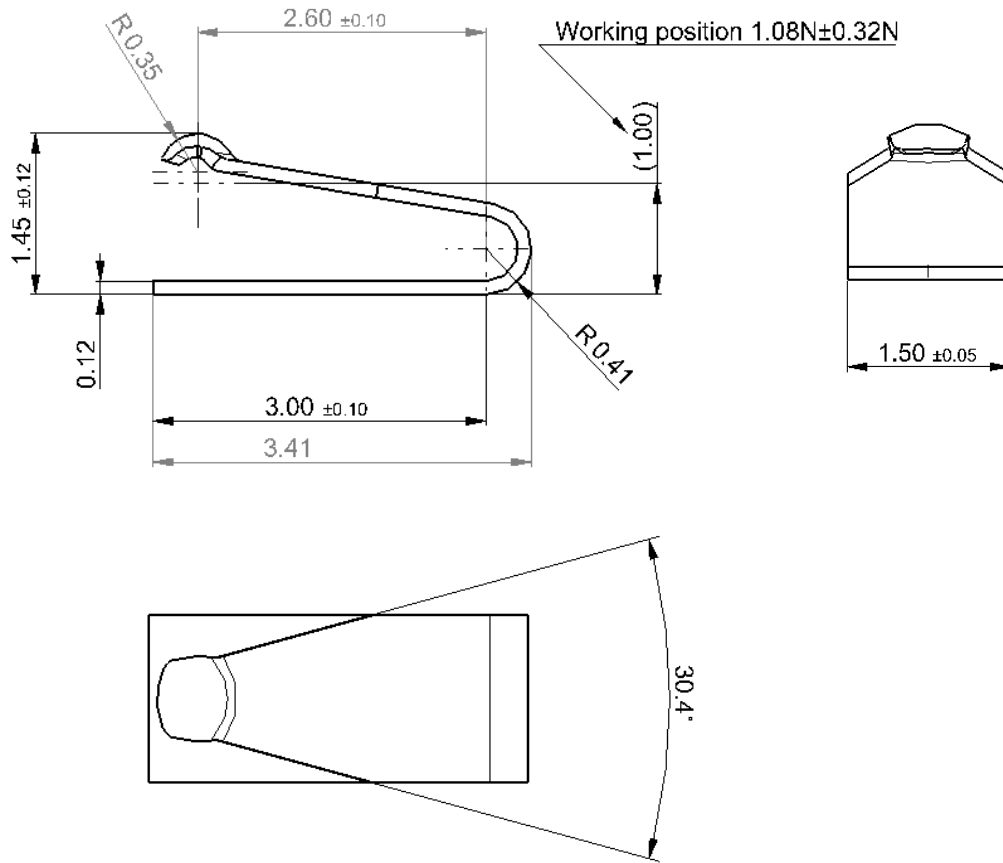
### PWB footprint dimensions and C-clip position for CW9908



### C-clip position on PWB layout

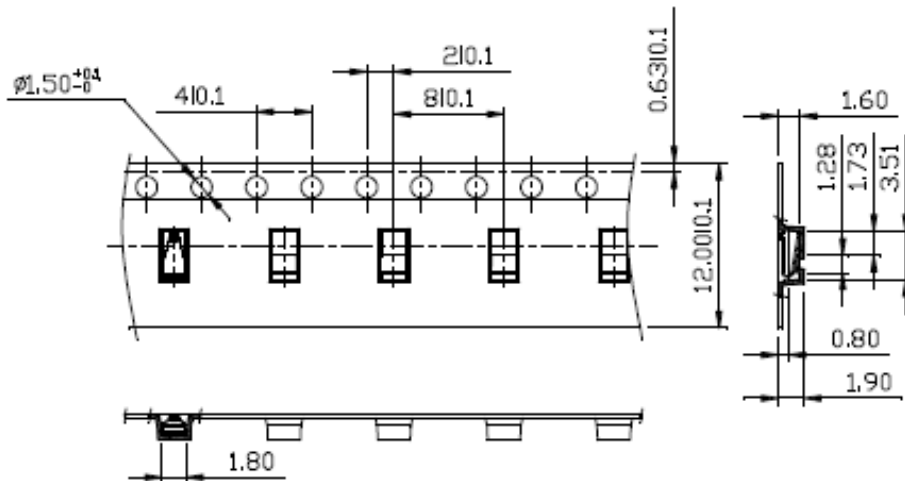
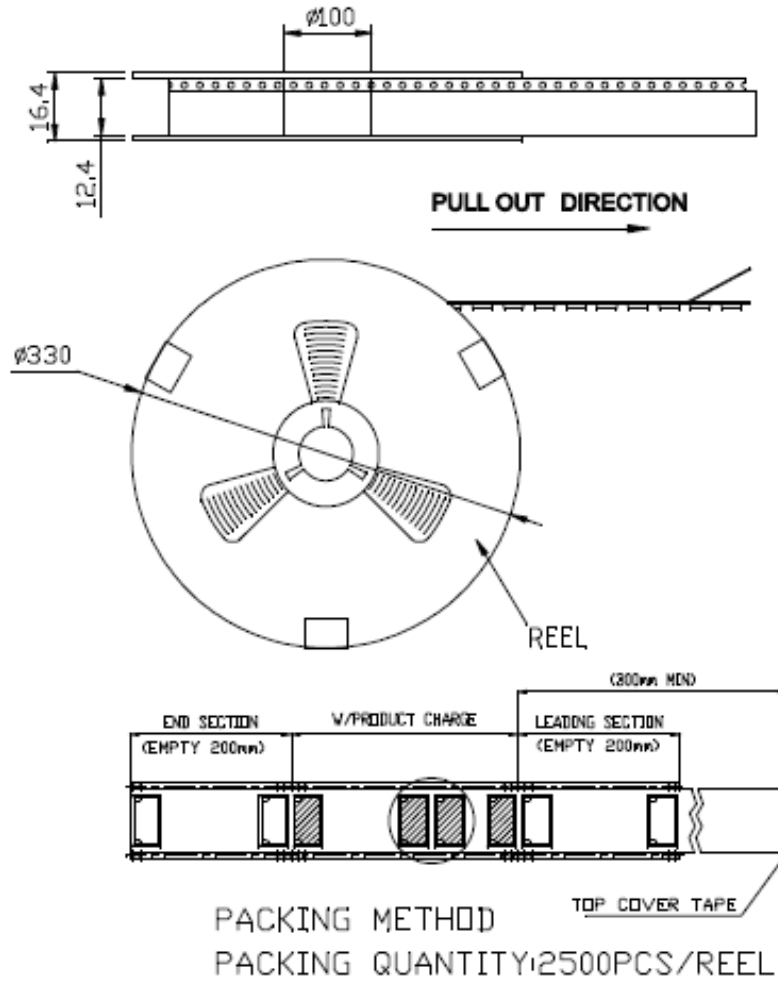


## CW9908 Connector Mechanical Outline



# CW9908 Connector Packing

Reel packing:



## CW9908 Connector soldering

### Recommendation for reflow soldering process

Printing stencil thickness 0,15 - 0,25 mm is recommended for the solder paste. The maximum soldering temperature should not exceed 260°C.

The temperature profile recommendations for reflow soldering process is presented in the Figures 3 and 4. The reflow profile presented in figure 3 describes minimum reflow temperatures. The reflow profile presented in figure 4 describes maximum reflow temperatures.

	Method of heat transfer	Controlled hot air convection
1	Average temperature gradient in preheating	2.5°C/s
2	Soak time	2-3 minutes
3	Max temperature gradient in reflow	3°C/s
4	Time above 217°C	Max 30 sec
5	Peak temperature in reflow	230°C for 10 seconds
6	Temperature gradient in cooling	Max -5°C/s

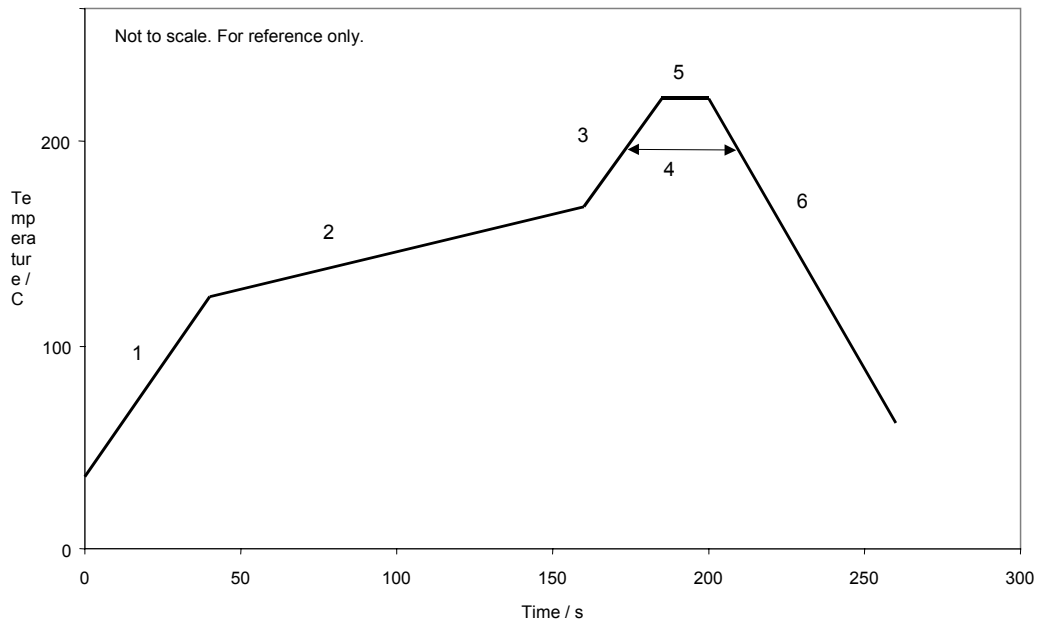


Figure 3. Minimum temperature profile recommendation for reflow soldering process

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	Method of heat transfer	Controlled hot air convection
1	Average temperature gradient in preheating	2.5°C/s
2	Soak time	2-3 minutes
3	Max temperature gradient in reflow	3°C/s
4	Time above 217°C	Max 60 sec
5	Time above 230°C	Max 50 sec
6	Time above 250°C	Max 10 sec
7	Peak temperature in reflow	260°C for 5 seconds
8	Temperature gradient in cooling	Max -5°C/s

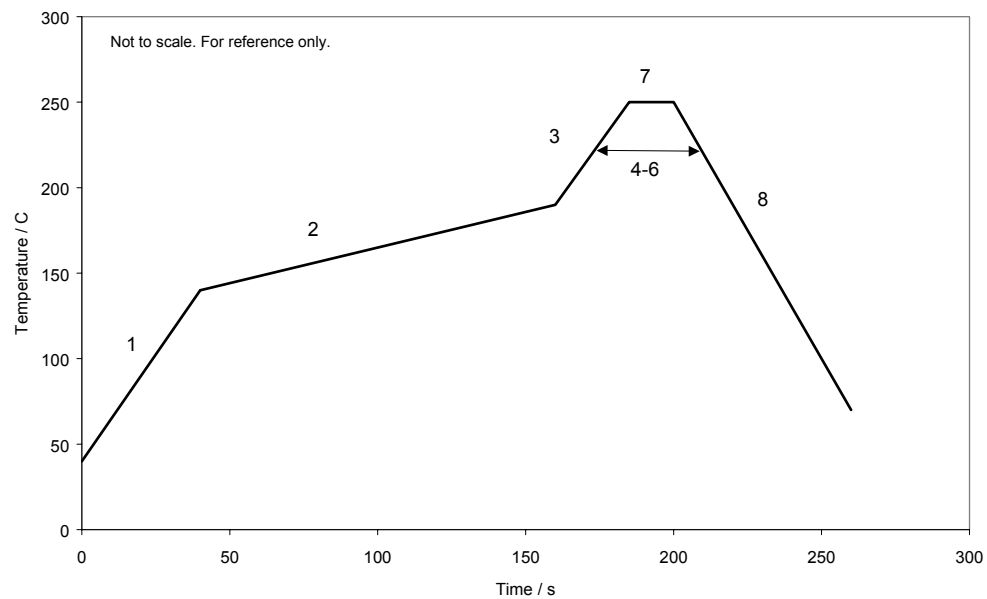


Figure 4. Maximum temperature profile recommendation for reflow soldering process

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