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Tuesday 23<sup>rd</sup> November, 2021

Dear Customer,

**Re: Plating thickness for M300 series contacts.**

I can hereby confirm the plating thicknesses for the M300 Series (3mm pitch High-Reliability) product range is as follows:

**Male signal PCT contacts – all gold:**

- 0.76-1.00µm (30-40µ") Gold over 1.80µm (70µ") Nickel.

**Male signal barrel crimp contacts – all gold:**

- 0.25-0.30µm (10-12µ") Gold, over 1.00-2.00µm (40-80µ") Nickel, over 1.00-3.00µm (40-120µ") Copper.

**Female signal barrel crimp & PCT contacts – all gold:**

- Contact clip plating = 0.10-0.17µm (4-7µ") Gold over 1.00µm (40µ") min. Nickel.
- Contact shell (tail/crimp) plating = 0.25-0.30µm (10-12µ") Gold, over 1.00-2.00µm (40-80µ") Nickel, over 1.00-3.00µm (40-120µ") Copper.

If you have any further questions regarding this letter, please do not hesitate to contact our Technical Experts at <https://www.harwin.com/contact/ask-an-expert/>.

Yours faithfully,



Mrs Wendy Jane Preston, BEng (Hons)  
Senior Technical Author