

25 November 2025

Dear Customer,

Re: Plating thickness for M300 series contacts.

Please see listed below the plating thicknesses for the M300 Series (3mm pitch HRi) product range:

Male plug signal THT contacts – all gold:

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

Male plug signal barrel crimp contacts – all gold:

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

Female receptacle signal barrel crimp & THT contacts – all gold:

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

Yours faithfully,



Mrs Wendy Jane Preston, BEng (Hons)
Senior Technical Sales Engineer