



All dimensions are in mm; tolerances according to ISO 2768 m-H

Material and plating

Connector parts
Flat Washer

Material
Brass

Plating
Gold, min. 0.15 µm, over chemical nickel

Description of the product

The Flat Washer helps to get more stability into the PCB because some PCB are not so stable during mechanical stress. The Flat Washer can be used with **Economic Solderless Connectors** and with optional screws depending the PCB thickness. It is not delivered in the standard product. Please contact Rosenberger sales to get a quote for Optional Screws and Flat Washer.

Flat Washer and Screws Relation

Recommended PCB Thickness*	Recommended Optional Screws***	proAlpha Nr.
Not Recommended	DIN7985-H-A2 UNF 0-80x3/16	Standard in Solderless Connector
0 mm to max. 2.4 mm	DIN7985-H-A2 UNF 0-80x1/4	435750
1.9 mm to max. 3.9 mm	DIN7985-H-A2 UNF 0-80x5/16	435747
3.5 mm to max. 5.6 mm	DIN7985-H-A2 UNF 0-80x3/8	435748
5 mm to max. 7.1 mm	DIN7985-H-A2 UNF 0-80x7/16	435752

While the information has been carefully compiled to the best of our knowledge, nothing is intended as representation or warranty on our part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

Draft	Date	Approved	Date	Rev.	Engineering change number	Name	Date
Martin Moder	11.03.21	H. Babinger	22.03.21	a00	21-s040	M.Ruf	22.03.21