

fischer elektronik

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[New male header series in sandwich construction with a grid pattern of 1.27 mm](#)

In order to ensure increased stability and secure contact with larger board-to-board spaces, Fischer Elektronik has created a new series of male headers in a sandwich construction with a grid pattern of 1.27 mm. For those new male headers which are offered in straight form for through-hole technology (THT), you can choose from six versions, each with two different heights and a clearance of 9.2 mm and 11.7 mm between the two insulators.

Those are the part numbers with the designations **SLV W 6 092...** and **SLV W 6 117...** for the 1-row, the **SLV W 7 092...** and **SLV W 7 117...** for the 2-row in grid pattern 1.27 x 1.27 mm and the **SLV W 8 092...** and **SLV W 8 117...** for the 2-row in grid pattern 1.27 x 2.54 mm.

Those male headers are available with the number of contacts 1-36 for the 1-row and with the number of contacts 4-72 for the 2-row. The male contacts with a square pin cross-section of 0.4 mm are made of a copper-zinc alloy (CuZn) and receive a gold-plated or tin-plated surface coating, which is ideal for soldering, in our company Fischer Oberflächenveredelung (FOV).

In order to withstand the temperatures of 260 °C during the reflow soldering process, the insulating body is made of a high-temperature-resistant plastic which flammability is classified according to UL 94 V-0. This plastic achieves its good mechanical and dimensionally stable properties by the addition of fillers.

Furthermore, these materials have good flow properties and are therefore ideally suited for these devices. When designing and selecting the materials being used, Fischer Elektronik attaches great importance to making the products sustainable in accordance with EU Directive 2015/863 / EU (RoHS) and the requirements of Regulation (EC) No. 1907/2006 (REACH) to manufacture.

Please contact us, for further information and inquiries the product experts of Fischer Elektronik GmbH & Co. KG are pleased to be at your disposal, also at www.fischerelektronik.de.

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