

Title (en)
CONNECTOR RECEPTACLE, CONNECTOR, AND ELECTRONIC DEVICE

Title (de)
VERBINDERBUCHSE, VERBINDER UND ELEKTRONISCHE VORRICHTUNG

Title (fr)
PRISE DE CONNECTEUR, CONNECTEUR ET DISPOSITIF ÉLECTRONIQUE

Publication
EP 4164065 A1 20230412 (EN)

Application
EP 21831591 A 20210322

Priority
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• CN 2021082121 W 20210322

Abstract (en)
A connector receptacle (1), a connector, and an electronic device (0) are provided, and relate to the field of electronic device technologies. The connector receptacle (1) includes a housing (101), a tongue (102), and a welding plate (103). The housing (101) is provided with a stop part (1011). The tongue (102) is inserted into the housing (101) and presses against the stop part (1011) through limiting, to prevent the tongue (102) from fluttering in a direction of insertion into the housing (101). The tongue (102) is provided with a plurality of terminals (1021), the terminal (1021) includes a contact portion (10211) and a welding portion (10212), and welding portions (10212) of the plurality of terminals (1021) are arranged in one row. The contact portion (10211) is configured to perform signal transmission with a connector plug (4), and the welding portion (10212) is connected to a pin pad of a circuit board (2). The welding plate (103) is fixedly connected to the housing (101), and presses against the tongue (102), and the tongue (102) is accommodated in a cavity formed between the welding plate (103) and the housing (101). In addition, the welding plate (103) is provided with a notch (1031). The notch (1031) can avoid the welding portion (10212), so that the welding portion (10212) extends to the outside of the cavity from the notch (1031). The connector receptacle (1) is small in size, so that a miniaturization design of an electronic device (0) with the connector receptacle (1) is implemented.

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