

ABSTRACT OF THE DISCLOSURE

An optoelectronic component for data transmission with infrared radiation is described. This component integrates in a single housing an infrared transmitter, an infrared receiver and an integrated circuit for signal conditioning. Owing to a particular design of the connecting legs, all of which emerge from the housing at one lateral face and are bent twice through 90° so that they extend in part parallel to this lateral face and in part to the rear side, and owing to additional protrusions on the housing in the form of supporting feet and a bearing shoulder, it is possible to process the IRDA transceiver module both in the top view and in the side view position in surface mounting technology. Assembly is performed with an accuracy that is typical for surface mount devices. No additional mounting aids are needed.

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