The stated dimensions are only recommendations.

A wide variety of transmission line topologies and PCB parameters like permittivity, substrate thickness, and board-stackup are applied by customers. These parameters have a strong impact on the high frequency performance of the mounted connector.

Please note, that the given layout is not optimised to fit all of the possible board configurations regarding RF-performance. It represents a recommendation for optimum solderability of the connector.

In order to guarantee optimum high frequency properties of the connector, an RF-analysis of the connector to board transition is recommended.