

## **QSFP-DD Pluggable Module Connector and Cage Assembly**

### **400G capable high-speed connector system for Data Networking market**

**Munich, June 2019 – Yamaichi Electronics has expanded its high-speed connector product portfolio with a new small form factor connector for 400 Gigabit data networking applications and cage assembly mechanical parts.**

QSFP-DD is one of the new small form factors. It was standardised by QSFP-DD MSA. Yamaichi Electronics is one of the active MSA members. QSFP-DD is similar to the current QSFP, but there are additional contact rows inside the structure design to realise double density by 8 channels for electrical signal transmission. Our mechanical design is QSFP-DD MSA compliant. It is also backwards compatible to the current QSFP.

#### **Features and advantages**

Yamaichi Electronics has a lot of experience in the design of high-speed connectors. The design structure and electrical performance of the new QSFP-DD connector benefits from this know-how and expertise. The connector is designed for 200G and 400G technologies and to support 28 Gbps per channel NRZ, and 56 Gbps per channel PAM4 modulation. **Moreover the signal integrity takes into consideration 112Gbps per channel PAM4 modulation.** This outstanding electrical performance is unique on the market so far.

### **Different mechanical versions available**

Yamaichi Electronics is proud to provide the suitable product for the next generation of data networking market applications. The single-type connector together with the mechanical assembly kit were released into the market. The series will be expanded to the multiport-type connector soon.

Yamaichi Electronics also offers customised heatsink solutions. In addition it is planned to provide the stacked QSFP-DD later during 2019. Thus Yamaichi Electronics provides the complete QSFP-DD product series to support the customers' requirements for their applications.

### **About Yamaichi Electronics**

Yamaichi Electronics is a market leader for Test & Burn-In sockets, connectors and connection systems. Their reliability and functional dependability are absolutely essential for the success of the overall project. Yamaichi Electronics established themselves on the world market very quickly as a manufacturer of high-quality, reliable components for demanding applications in various markets and applications: semiconductor, industrial automation, automotive, data networking, measurement & testing, medical, mobile computing, embedded computing, and others.

Yamaichi Electronics Deutschland GmbH

Concorpark, Bahnhofstr. 20, 85609 Aschheim-Dornach, Germany

Tel. +49 (0)89 – 4 51 09-0

Fax: +49 (0)89 – 4 51 09-110

[info-de@yamaichi.eu](mailto:info-de@yamaichi.eu)

[www.yamaichi.eu](http://www.yamaichi.eu)