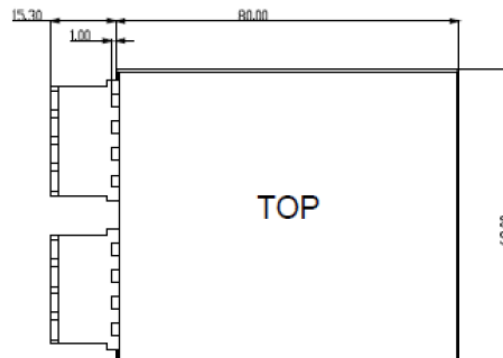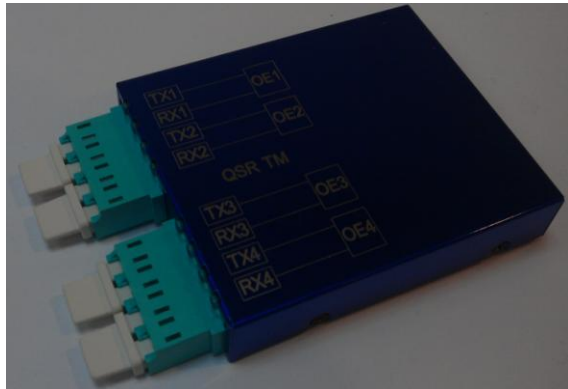# Quad Port 10 Gigabit SR Transceiver Module

Description

The SR Quad port transceiver module is designed as alternative discrete SFP+ transceiver. Its innovated design enable the fiber bypass functions becomes selectable within single PCI card. It's expressly for Intrusion Prevention System (IPS) provides complete visibility to network traffic, It also introduces a point of failure should the IPS lose power, cable fail or application freeze.

The SR Quad port transceiver modules designed for PCI Express X8 interface, supports up to 10.3 GbE/s in full duplex mode per port of data transfer rate and Multi-mode fiber operations. It designed to be compliant digital diagnostic monitoring functions: Temperature, VCC , TX optical power, TX laser bias current, and RX received optical power. The post-amplifier of the SR Quad port fiber bypass modules also includes a Loss of Signal (LOS) circuit that provides a TTL logic-high output when the received optical level is below a preset LOS Assert threshold.

This product has acquired worldwide IP (Intellectual Property) right.

Key Features

◆ Compliant to Specification for IEEE 802.3 10G Ethernet (10G BASE-SW/SR)

◆ Compliant with SFF-MSA

◆ Compliant with SFP+ Electrical MSA SFF-8431

◆ Laser Class 1 Product with comply with Requirements of IEC 60825-1 and IEC 60825-2

◆ Link Distances at 10.3Gbps 300m links with OM-3 (OM-4 MMF cable also available) MMF Cable

◆ Quad LC Connector interface

◆ +5V Power Supply and TTL Logic Interface

◆ EEPROM with Series ID Functionality

◆ LED indicate operation function

◆ RoHS Compliant

Applications

◆　　In-Line traffic Monitoring, Analyzing and Optimization

◆　　Intrusion Prevention System

◆　　Quality of Service

◆　　In-Line Security

◆　　Load balance

◆　　Web Acceleration Appliance

Dimension

(L)80.0 x (W)68.0 x (H)15.0 mm