

RTXL185-2xx series

RJ45 Copper SFP Transceiver



RTXL185-2xx

Features

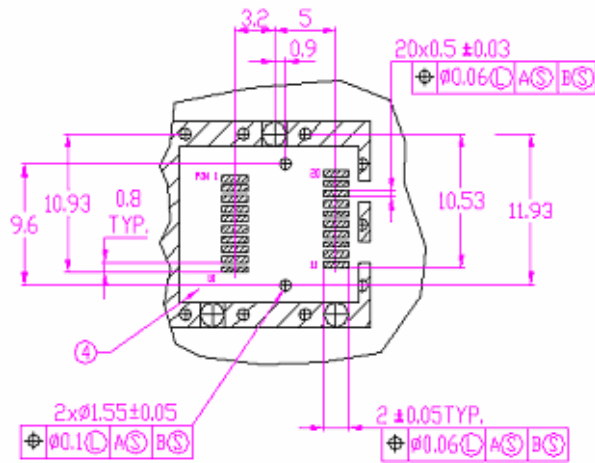
- Compliant with SFP MSA
- Single +3.3V power supply
- Up to 1.25Gb/s data rate
- Hot-pluggable
- Custom RJ-45 connector with integrated magnetics
- Transmitter disable input
- Receiver Loss of Signal Output
- Serial ID module on MOD(0-2)
- Operating temperature range: -40°C~ +85 °C
- 100 meters over Cat 5 UTP
- Auto-negotiation per IEEE 802.3™:2008 1000BASE-T and 1000BASE-X
- RoHS Compliant

Applications

- Switch to switch interface
- Switched backplane applications
- 10/100/1000 BASE-T operation in host systems with SGMII interface

Standards

- SFP MSA (INF-8074i)
- IEEE std 802.3™ 2008
- RoHS&WEEE



NOTES:

- 1.PADS AND VIAS ARE CHASSIS GROUND.
- 2.THROUGH HOLES,PLATING OPTIONAL.
- 3.HATCHED AREA DENOTES COMPONENT AND TRACE KEEPOUT (EXCEPT CHASSIS GROUND).
- 4.AREA DENOTES COMPONENT KEEPOUT (TRACES ALLOWED).

DIMENSIONS IN MILLIMETERS

DETAIL 1

Ordering information

Part No	Specification						Application code
	Package	Data rate	Interface	Temp.	RX_LOS Function	Others	
RTXL185-210	SFP	10/100/1000M	SGMII	-40~85℃	Link indicator	RoHS	10/100/1000BASE-T
RTXL185-230	SFP	10/100/1000M	SGMII	-40~85℃	-	RoHS	10/100/1000BASE-T
RTXL185-240	SFP	10/100/1000M	SGMII	-40~85℃	Link indicator	RoHS	Synchronous Ethernet
RTXL185-260	SFP	10/100/1000M	SGMII	-40~85℃	Real time clock	RoHS	Synchronous Ethernet
RTXL185-270	SFP	100M	SerDes	-40~85℃	Link indicator	RoHS	Media Converter
RTXL185-280	SFP	1000M	SerDes	-40~85℃	Link indicator	RoHS	Media Converter

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