

**LinkIT QSFP+ 40Gbps PSM4 2km LinkIT**  
4x10Gbps, DDM, MPO/MPT-12

Product number: LI-QSFP-PSM4-2-LIN

## Product Description

The LI-QSFP-PSM4-2-LIN QSFP+ PSM4 optical transceiver is intended for up to 2km reach service with four-lane 10.3125G data rate. It is based on 3.3V DC power supply and operates in the commercial temperature range. It is compliant with QSFP MSA & SFF-8436 and IEEE802.3ba-2018. Digital diagnostic functions are available via I2C interface and the control functions can be achieved by LVTTTL interfaces on the host. The transceiver incorporates a four-laser array which is usually DFB & four-PIN diode array & an integrated four drivers and TIAs IC separately. The differential AC coupled Tx and Rx data interfaces are CML compatible.

Applications :  
40 Gigabit Ethernet  
40 Gigabit Infiniband

Features :  
MPO-12 connector  
SingleModeFiber  
1310 nm  
Supports Base-8 cabling  
OS2\_10Km  
4 x TX  
4 x RX  
Breakout to 4x 10 Gigabit through splitter cable og cassettes system  
Hot-pluggable  
DDM

## Main Specifications

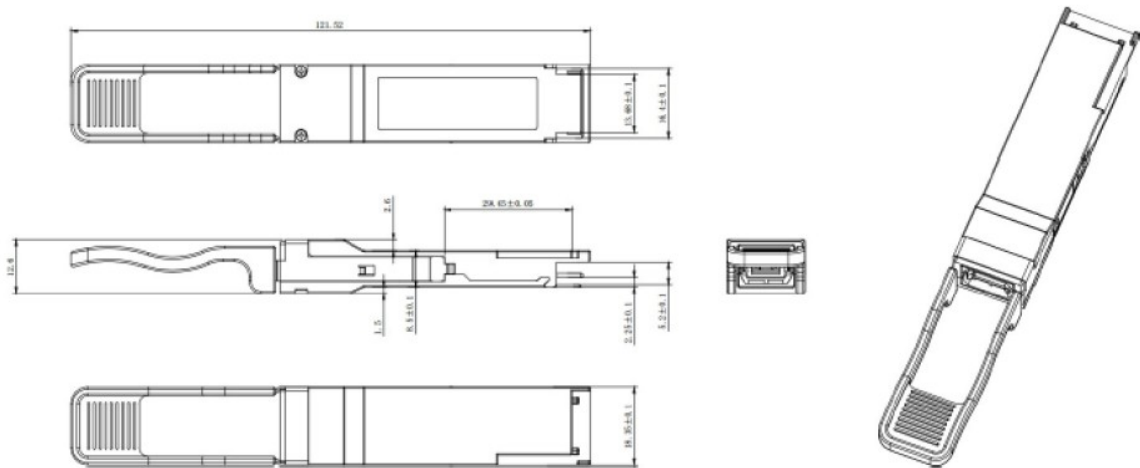
|                         |             |
|-------------------------|-------------|
| <b>Brand</b>            | LinkIT      |
| <b>Connector type 1</b> | MPO-12 Male |
| <b>Wave length (nm)</b> | 1310        |
| <b>Distance</b>         | Up to 2km   |



## Extended Specifications

|                           |                                      |
|---------------------------|--------------------------------------|
| <b>Transmission speed</b> | 40Gbps                               |
| <b>Fibre type</b>         | SMF                                  |
| <b>Standards</b>          | QSFP MSA, SFF-8436, IEEE802.3ba-2018 |
| <b>Temperature</b>        | 0 to 70°C                            |
| <b>EAN</b>                | 7072262018065                        |
| <b>Certifications</b>     | CE, RoHS                             |

## Dimensional Sketches



### Notes:

- 1、Tolerance: +/-0.1mm.
- 2、Others according to SFF-8661 or customer spec .
- 3、Optical port according to fiber connector spec.

