

SW(B)X825DI-X42 Series

1-port Gigabit Ethernet SFP modules

Industrial 1.25Gb/s SFP Optical Transceiver Module

Features

- Support IEEE802.3ae, SFF-8431 Standard
- Transmission rate is 1.25Gb/s
- Hot pluggable LC duplex connector
- Working voltage is 3.3V
- RoHS compliant; Support DDM Function
- Working temperature -40~85℃



Specification

Interface

Connectors: Duplex LC Connector

Support DDM Function

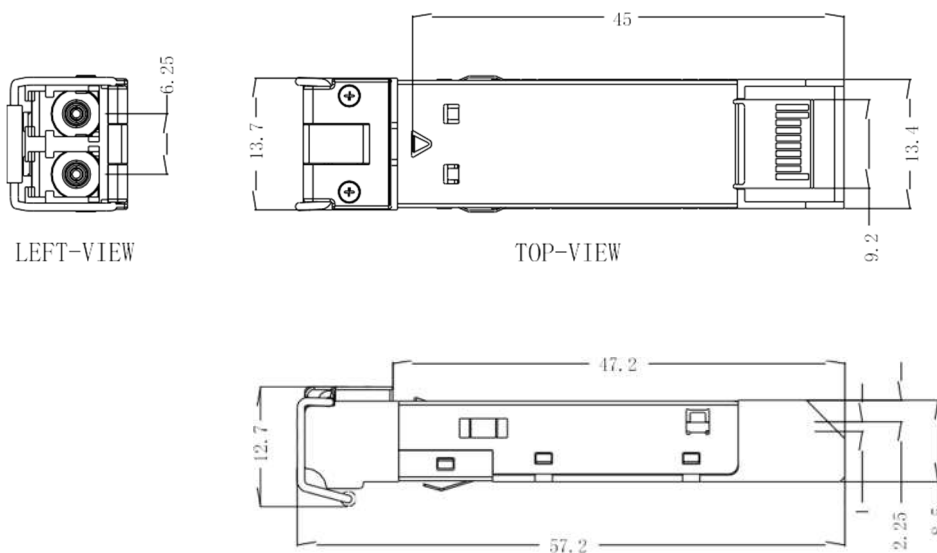
Mechanical Structure

Size (W×H×D): 13.7mm×12.7mm×57.2mm

Certification: CE、FDA、C-TICK

Warranty: 1 years

Dimension (Unit: mm)



Ordering Information

| Model | Type | Rate | Wavelength (nm) | Distance (km) | TX Power (dbm) | RX Sens (dbm) | Voltage (V) | Connector | Signal |
|---------------|------|----------|-----------------|---------------|----------------|---------------|-------------|-----------|--------|
| SW2825DI-142 | MM | 1.25Gb/s | 1310 | 2 | -9~-3 | -20 | 3.3 | LC | LVPECL |
| SW3825DI-442 | SM | 1.25Gb/s | 1310 | 20 | -6 ~ -1 | -21 | 3.3 | LC | LVPECL |
| SW3825DI-542 | SM | 1.25Gb/s | 1310 | 40 | -2 ~ 3 | -24 | 3.3 | LC | LVPECL |
| SW4825DI-542 | SM | 1.25Gb/s | 1550 | 40 | -1 ~ 7 | -24 | 3.3 | LC | LVPECL |
| SW4825DI-742 | SM | 1.25Gb/s | 1550 | 80 | -3 ~ 2 | -26 | 3.3 | LC | LVPECL |
| SWB3825DI-442 | SS | 1.25Gb/s | TX1310/RX1550 | 20 | -9 ~ -1 | -23 | 3.3 | LC | LVPECL |
| SWB4825DI-442 | SS | 1.25Gb/s | TX1550/RX1310 | 20 | -9 ~ -1 | -23 | 3.3 | LC | LVPECL |
| SWB3825DI-542 | SS | 1.25Gb/s | TX1490/RX1550 | 40 | -7 ~ -1 | -24 | 3.3 | LC | LVPECL |
| SWB4825DI-542 | SS | 1.25Gb/s | TX1550/RX1490 | 40 | -7 ~ -1 | -24 | 3.3 | LC | LVPECL |
| SWB5825DI-642 | SS | 1.25Gb/s | TX1490/RX1550 | 60 | -5~ 0 | -24 | 3.3 | LC | LVPECL |
| SWB4825DI-642 | SS | 1.25Gb/s | TX1550/RX1490 | 60 | -5 ~ 0 | -24 | 3.3 | LC | LVPECL |
| SWB5825DI-742 | SS | 1.25Gb/s | TX1490/RX1550 | 80 | -3 ~ 2 | -26 | 3.3 | LC | LVPECL |
| SWB4825DI-742 | SS | 1.25Gb/s | TX1550/RX1490 | 80 | -3 ~ 2 | -26 | 3.3 | LC | LVPECL |