

HK-SFP-1.25G Series Transceiver

Features and Functions

- **Features**
 - a. Single Power Supply 3.3V
 - b. Small Form Factor Pluggable (SFP) MSA Compatible
 - c. Single Fiber Bi-Direction LC Connector
 - d. Hot Pluggable Capability
 - e. Compliant With ROHS Standard
- **Applications**
 - a. Fiber Channel
 - b. Gigabit Ethernet
 - c. Switch to Switch Interface
- **Absolute maximum ratings**

Parameter	Symbol	Min.	Max.	Unit
Storage Temperature	T _s	-40	+85	°C
Supply Voltage	V _{CC}	-0.5	+3.6	V
Voltage at any Input Pin	V _{IN}	0	V _{CC}	V
Power supply current	I _{CC}	-	300	mA

Recommended Operating Conditions

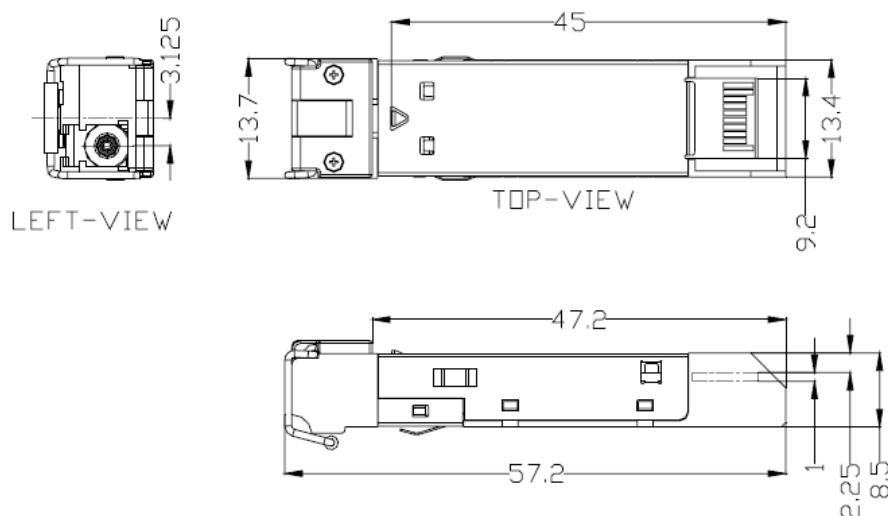
Parameter	Symbol	Min.	Typ	Max.	Unit
Operating Temperature	T _{op1}	0	-	+70	°C
	T _{op2}	-40	-	+85	
Supply Voltage	V _{CC}	3.1	3.3	3.5	V
Data Rate	-	-	1250	-	Mb/s

Ordering Information

Part No.	Wavelength (nm)	Temp. (°C)	TX Power (dBm)	RX Sens(Max) (dBm)	Distance (km)
HK-SFP-1.25G-20-1310	TX1310nm FP/RX1550nm	0 to 70	-6 to -1	-21	20
HK-SFP-1.25G-20-1550	TX1550nmDFB/RX1310nm	0 to 70	-9 to -1	-21	20



Mechanical(Units in mm)



Operating Conditions

Part No.	HK-SFP-1.25G-20-1310	HK-SFP-1.25G-20-1550
Fiber		
Fiber type	SMF, Single fiber, 9/125um	
Connector	LC	
Connector quantity	1	
Distance	0~20km	
Wavelength	Tx1310nm/Rx1550nm	Tx1550nm/Rx1310nm
TX Power	-9~-1dBm	
RX Sens (Max.)	-21dBm	
Environment		
Operating temperature	0~70℃	
Storage temperature	-40~85℃	
Relative humidity	30~80%	
Power		
Power supply voltage	DC 3.3V	

Distributed by



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