# JABIL

## 400G QSFP-DD FR4/LR4 Optical Transceiver

**FEATURES** 

.

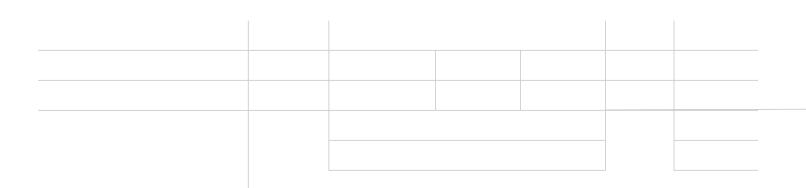
product targeted for use in optical interconnects for data communications applications. The high bandwidth module supports 400G Ethernet connections via LC connector over parallel single-mode fiber links up to 2 km and 10 km for the FR4 and LR4 variants.

### ABSOLUTE MAXIMUM RATINGS

## **RECOMMENDED OPERATING CONDITIONS**

## TRANSMITTER OPTICAL OUTPUT CHARACTERISTICSIaQ-3 28 nQ-3 7/TT2Qqf0.02qc 0 25.04 3.Td[S).5 0.0P2qc -0.0

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## **RECEIVER OPTICAL INPUT CHARACTERISTICS**

QSFP-DD MFm0 DoQBT/CS0 cs 0 0.239 007 9TI09 56

**QSFP-DD MODULE ELECTRICAL CONNECTOR PIN DEFINITIONS CONT.** 

POWER SUPPLY FILTERING

## LOW POWER MODE

#### LOW SPEED ELECTRICAL HARDWARE INTERFACE

ResetL		InitMode	InitMode signal allows the host to define whether
	> 2µs) initiates a complete module reset and		
ModPrsL			
IntL		SCL	
ModSelL			board; 3 k is recommended. Note that SCL and SDA timing specifications are defined in section defined in "Management Interface Timing."
		SDA	
	·		board; 3 k is recommended. Note that SCL and SDA timing specif cations are defined in section defined in "Management Interface Timing."

			3 k pull up resistor
			1.6 k pull up resistor
		μΑ	
			10k pull up to Vcc

## MODULE STATES BEHAVIOR

MANAGEMENT INTERFACE (I<sup>2</sup>C) TIMING

SOFT CONTROL, ALARM, AND STATUS TIMING

Label Specification


jabil.com

About Jabil

