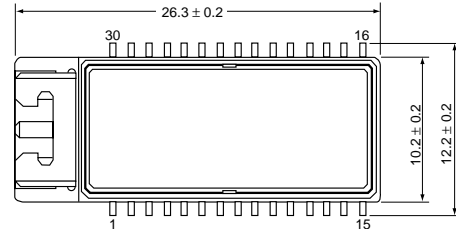


FEATURES

- **DESIGNED FOR SONET/SDH/ATM SYSTEMS**
- **REFLOW SOLDERABLE SMD HOUSING**
- **COMPACT SIZE:**
26 x 10 x 3 (mm)
- **LOW POWER CONSUMPTION:**
0.6 W TYP
- **POWER SUPPLY VOLTAGE:**
+3.3 V
- **WIDE OPERATING TEMPERATURE RANGE:**
0 to 75°C

OUTLINE DIMENSIONS

OD-J6888-0A01



MAJOR PERFORMANCE

- **DATA RATE:**
2.48832 Gbps (STM-16, OC-48)
- **DATA/CLK INTERFACES:**
Differential PECL compatible
- **ALARM FUNCTIONS:**
Optical input down alarm
- **PLL CLOCK DATA RECOVERY**

APPLICATIONS

- **TELECOMMUNICATIONS NETWORK SONET OC-48 SR INTERFACE COMPATIBLE:**
ITU-T Recommendation G.957 I-16/S-16.1 Interfaces Compatible

ORDERING INFORMATION

Pigtail Optical Connector	Pigtail Part Number
SC	OD-S524-SC-SM
FC	OD-S524-FCPC-SM
MUJ	OD-S524-MUJ-SM

Note:

1. Pigtail fiber is not included with the product. Separate order is required.

PERFORMANCE CHARACTERISTICS

Parameter	Performance
Transmission Speed	2.48832 Gbps
Data Format	Scrambled NRZ (External Scrambler is Required)
Pigtail Fiber (Separate order is necessary)	SMF 550 mm each Optical Connector: SC, FC, MUJ
Optical Input Power Range	Minimum Receiving Power: -18 dBm MAX (Average) Overload: 0 dBm MIN (Average)
Output Electrical Signal Interface	Data: PECL compatible Clock: PECL compatible
Applicable Transmission Fiber Cables	SMF (SI-10/125)
Operating Ambient Temperature	0 to 75°C
Relative Humidity	30 to 80 % RH (Non-condense Condition)
Power Supply Voltage	DC: +3.3 V
Power Consumption	0.6 W TYP
Dimensions (Refer to Outline Dimensions)	26 x 10 x 3 (mm)
Alarm Functions	Optical input down alarm

OUTLINE DIMENSIONS (Units in mm)

