

FEATURES

- DESIGNED FOR SONET/SDH/ATM SYSTEMS
- REFLOW SOLDERABLE SMD HOUSING
- COMPACT SIZE:
10 x 26 x 3 (mm)
- LOW POWER CONSUMPTION:
0.6 W TYP
- POWER SUPPLY VOLTAGE:
3.3 V
- WIDE OPERATING TEMPERATURE:
-40 to 85°C

MAJOR PERFORMANCE

- DATA RATE:
2488.32 Mbps
- DATA FORMAT:
Scrambled NRZ (Scrambler is not included)
- TRANSMISSION CABLE:
Single mode fiber, SI-10/125

PERFORMANCE CHARACTERISTICS

(OD-J7888-HB01)

Items	Performance
Transmission Speed	2488.32 Mbps
Data Format	Scrambled NRZ (External Scrambler is Required.)
Pigtail Fiber	SMF 550 nm each Optical Connector: SC, FC, MUJ
Opertating Temperature	-40 to 85 °C
Storage Temperature	-40 to 85 °C
Optical Input Power	+ 2 dBm (Average) + 5 dBm (Peak) (Pigtail input)
Power Supply Voltage	DC: +3.3 V
Power Consumption	0.6 W TYP
Package Dimensions	10 x 26 x 3 (mm) (refer to drawing)

APPLICATIONS

- TELECOMMUNICATIONS NETWORKS:
SONET OC-48 IR-1 Interface compatible
(Bellcore GR-253-CORE requirement)

STM-16, S-16.1 Interface compatible
(ITU-T Recommendation G.957)

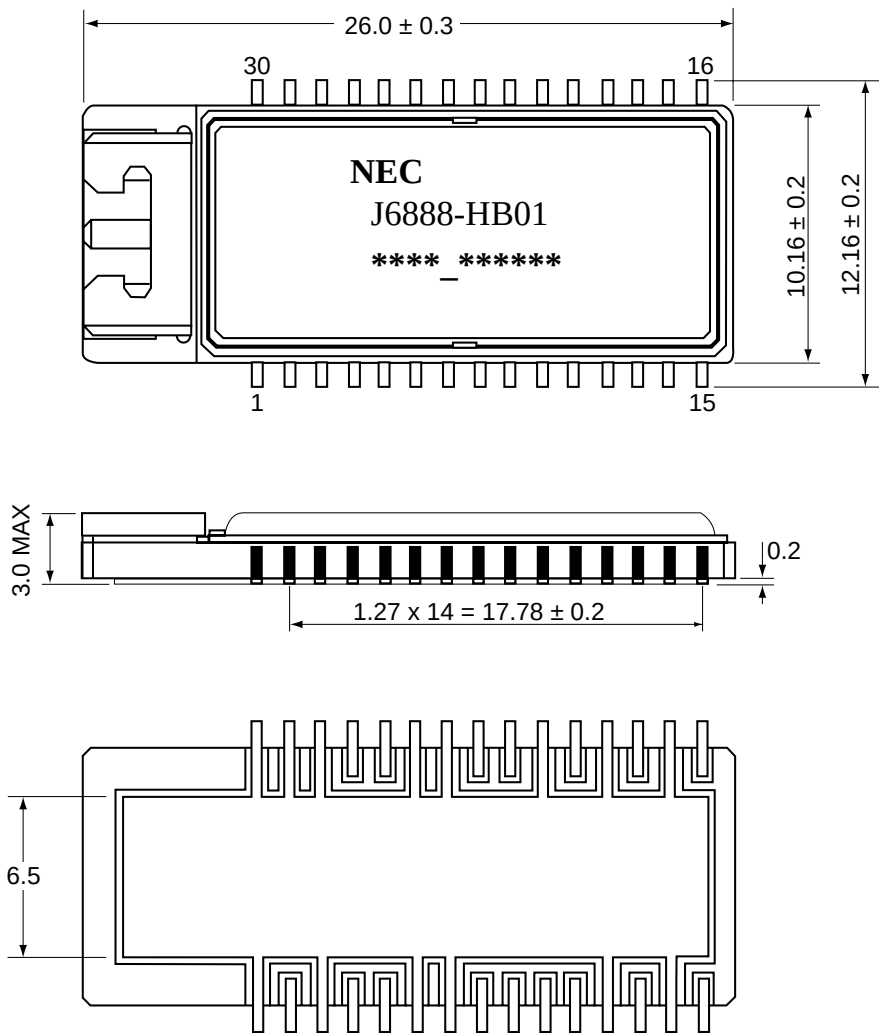
PIGTAIL ORDERING INFORMATION¹

Pigtail Optical Connector	Fiber Code Length	Product Number
SC	51 to 55 cm	OD-S656-SC-C
FC		OD-S656-FC-C
MUJ		OD-S656-MUJ-C

NOTE:

1. Pigtail is not included with the product. A separate order is required.

(unit in mm)



PIN NO.	SYMBOL	I/O	PIN NO.	SYMBOL	I/O
1	GND	I	16	DATA OUT (-)	O
2	GND	I	17	GND	I
3	GND	I	18	DATA OUT (+)	O
4	EXTC	-	19	GND	I
5	N.C	-	20	Vcc	I
6	GND	I	21	N.C.	-
7	GND	I	22	FIL (+)	-
8	Vcc	I	23	FIL (-)	-
9	Vcc	I	24	GND	I
10	GND	I	25	GND	I
11	Vcc	I	26	LOS	O
12	GND	I	27	Vcc	I
13	CLK (-)	O	28	GND	I
14	GND	I	29	Vpd	I
15	CLK (+)	O	30	GND	I

I: Input Terminal, O: Output Terminal