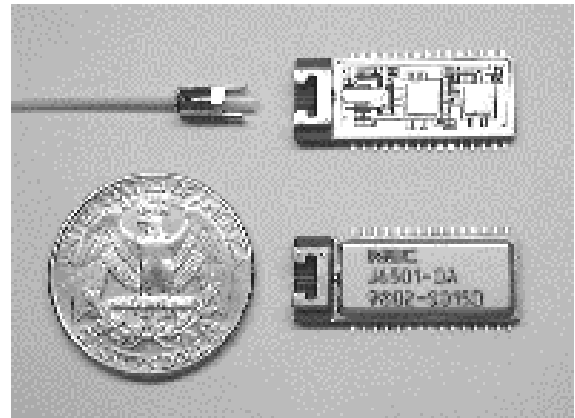


OD-J8661-0A01/HA01, OD-J8671-0A01/HA01

2.5Gbps Optical Receiver for SONET/SDH Systems

FEATURES

- Designed for SONET /SDH /ATM Systems.
- Reflow Solderable SMT Package.
- Compact Size: 26 x 10 x 3 (mm).
- Single +3.3V Power Supply.
- Wide Operating Temperature Range.
- Long Distance Transmission.



APPLICATION

Part Number	Specification	Note
OD-J8661-0A01/ HA01	SONET OC-48 SR/ IR-1 /IR-2 ITU-T G.957 I-16/ S-16.1/ S-16.2	
OD-J8671-0A01/ HA01	SONET OC-48 LR-1/ LR-2 /LR-3 ITU-T G.957 L-16.1/ L-16.2 /L-16.3	OD-H1940-0C00 is attached

*OD-H1940-0C00 is an APD bias voltage controlling circuit.

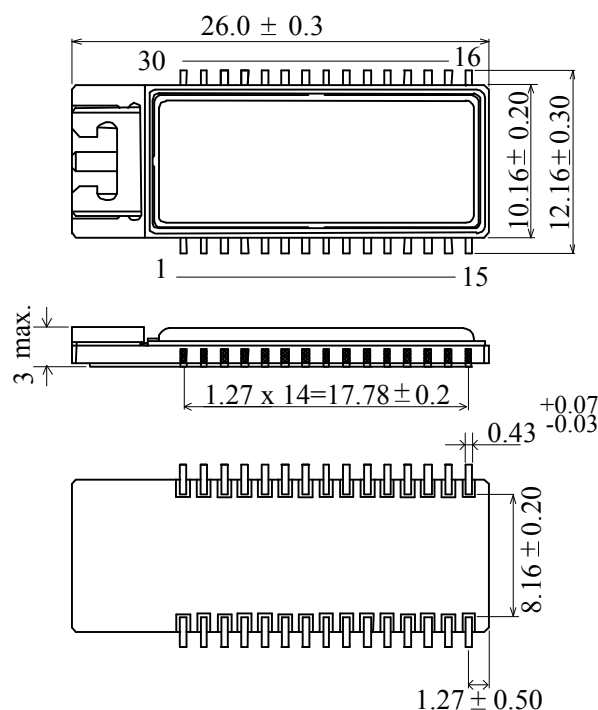
OPERATING CONDITIONS

Parameter		Unit	Values			Note
			Min.	Typ.	Max.	
Case Temperature	OD-J86x1-0A01	°C	0	-	+75	
	OD-J86x1-HA01		-40	-	+85	
Power Supply Voltage		V	+3.135	+3.30	+3.465	
Power Consumption		W	-	0.6	0.9	except OD-H1940-0C00

PERFORMANCE

Parameter	Unit	OD-J8661-xA01	OD-J8671-xA01
Bit Rate	Mbps	2488.32	
Operating Wavelength	nm	1260-1360 1430-1580	1280-1335 1500-1580
Photo detector	-	PIN-PD	APD
Minimum Sensitivity	dBm	-18	-28
Minimum Overload	dBm	0	-9
Maximum Reflectance	dB	-27	
Output Electrical Interface	-	LV-PECL	
Alarm Functions	-	Optical input down alarm	

DIMENSIONS (Unit: mm)



NOTE

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

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

DATA SUBJECT TO CHANGE WITHOUT NOTICE

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