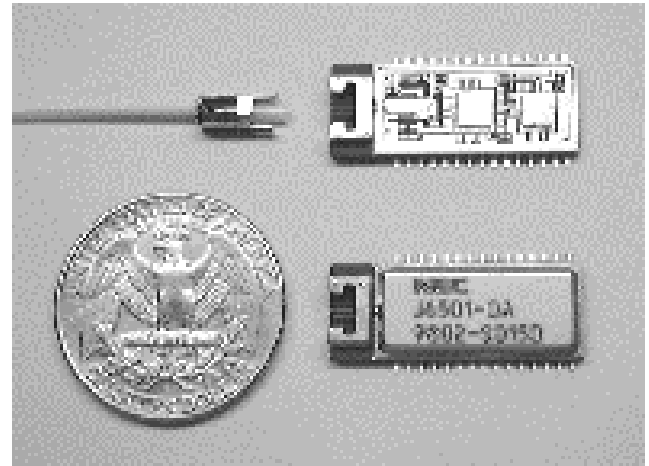


OD-J6500-0B01/HB01, OD-J6502-0B01/HB01 OD-J8510-0B01

156Mbps Optical Transmitter for SONET/SDH Systems

FEATURES

- Designed for SONET /SDH /ATM Systems.
- Reflow Solder able SMT Package.
- Compact Size: 26 x 10 x 3 (mm).
- Low Power Consumption: 0.3W (Typ.).
- Single +3.3V Power Supply.
- Wide Operating Temperature Range.
- Long Distance Transmission.



APPLICATION

Part Number	Specification
OD-J6500-0B01 / HB01	SONET OC-3 SR / IR-1 ITU-T G. 957 I-1 / S-1.1
OD-J6502-0B01 / HB01	SONET OC-3 LR-1 ITU-T G. 957 L-1.1
OD-J8510-0B01	SONET OC-3 LR-2 / LR-3 ITU-T G. 957 L-1.2 / L-1.3

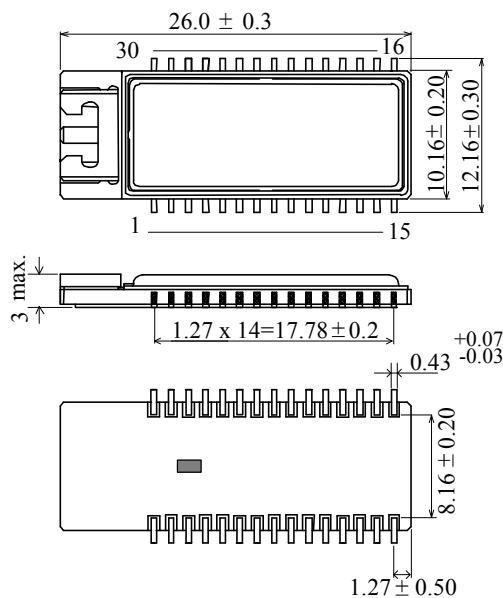
OPERATING CONDITIONS

Parameter		Unit	Values		
			Min.	Typ.	Max.
Case Temperature.	OD-Jxxxx-0B01	°C	0	-	+75
	OD-Jxxxx-HB01		-40	-	+85
Power Supply Voltage		V	+3.135	+3.30	+3.465
Power Consumption	OD-J650x-xB01	W	-	0.3	0.6
	OD-J8510-0B01		-	T.B.D.	T.B.D.

PERFORMANCE

Parameter	Unit	OD-J6500-0B01 OD-J6500-HB01	OD-J6502-0B01 OD-J6502-HB01	OD-J8510-0B01
Bit Rate	Mbps	155.52		
Laser Diode Type	-	MLM-LD		SLM-LD
Center Wavelength	nm	1270-1360	1270-1360	1480-1580
Maximum RMS Width	nm	7.7	3	—
Maximum -20dB Width	nm	—		1
Minimum Side Mode	dB	—		30
Mean Launched Power	dBm	−15 to −8	−5 to 0	
Extinction Ratio	dB	≥ 8.2	≥ 10	
Input Electrical Interface	-	P-ECL		
Alarm functions	-	Optical output down alarm LD bias alarm		

DIMENSIONS (Unit: mm)



NOTE

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

Part Number	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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