

ADAPTER

TOCA1300

Adapter for simplex optical modules

1. Absolute Maximum Ratings

PARAMETER	SYMBOL	RATINGS	UNIT
Storage Temperature	Tstg	−40 to 95	°C
Operating Temperature	Topr	-40 to 85	°C

Using continuously heavy loads (e.g. the application of high temperature/current/voltage and the significant change in temperature, etc) may cause this product to decrease in the reliability significantly even if the operating conditions (i.e. operating temperature/ current/ voltage, etc.) are within the absolute maximum ratings.

Please design the appropriate reliability upon reviewing the Toshiba Semiconductor Reliability Handbook ("Handling Precautions"/ "Derating Concept and Methods") and individual reliability data (i.e. reliability test report and estimated failure rate, etc).

2. Mechanical Characteristics (Ta =25°C)

PARAMETER	SYMBOL	CONDITIONS	MIN	TYP.	MAX	UNIT
Insertion Force		Using TOTX1350(F)、Initial value	_	_	39.2	N
Withdrawal Force		Using TOTX1350(F)、Initial value	5.9	_	39.2	N

Start of commercial production 2018-05

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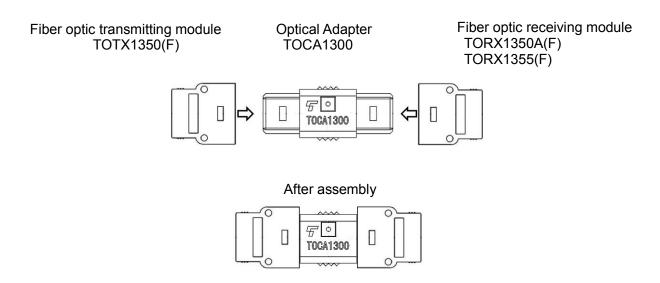


3. Applicable Optical Modules

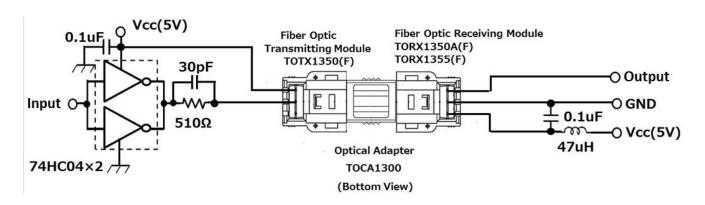
Fiber Optic transmitting module	Fiber Optic receiving module		
T0TX1350 (F)	TORX1350A (F), TORX1355 (F)		

4. Usage instructions

a) Assembly method



b) Application circuit



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5. Precautions during use

(1) Absolute maximum rating

The absolute maximum ratings are the limit values which must not be exceeded during operation of device. None of these rating values must not be exceeded. If the absolute maximum rating value is exceeded, the characteristics of devices may never be recovered properly. In extreme cases, the device may be permanently damages.

(2) Fitting with optical module

When inserting the optical adapter into the fiber optic transmitting module and fiber optic receiving module, be sure to follow the correct fitting alignment.

(3) Fixed pins of Optical Modules

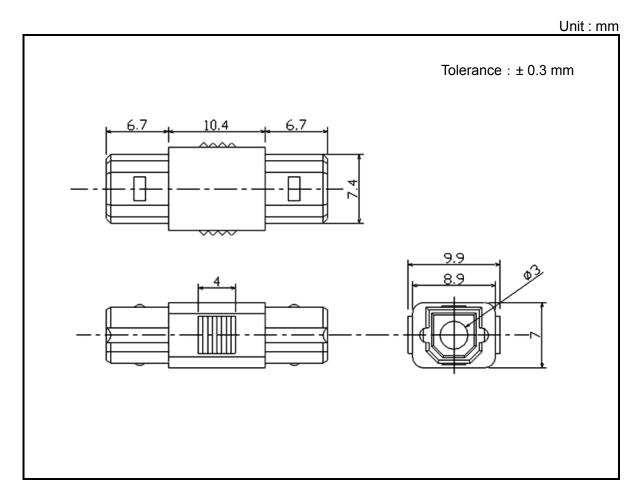
When using an optical adapter, don't connect the fixed pins of the optical modules with any circuit. Solder the fixed pins to floated land pattern and fix them.

(4) Precautions when disposing of devices and packing materials.

When disposing devices and packing materials, follow the procedures stipulated by local regulations in order to protect the environment against contamination.



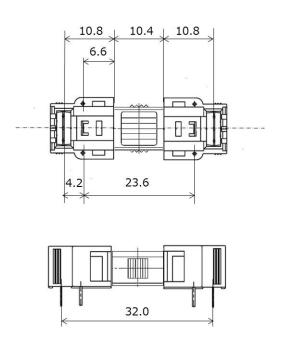
6. Package Outline drawing



· Reference drawing

Dimensions when coupled with optical module

Unit: mm





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