Testing Socket for Devices with USB Type C Connectors
XP2U-001

Socket for testing electronic devices that have a USB Type-C I/O connector

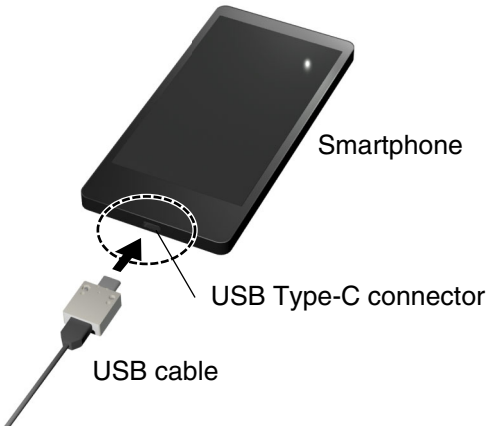
- Equipped with a USB Type-C 3.1 compliant connector (Model DX07B024JJ3LR1600, manufactured by JAE)
- With installation hole (1.8 dia.) that enables attachment on equipment



Refer to *Safety Precautions* on page 4.

Features

- Testing can be accomplished by simply inserting the connector into the USB Type-C connector on the electronic device
- You can connect to the testing equipment by one-touch connection to the USB Type-C connector.



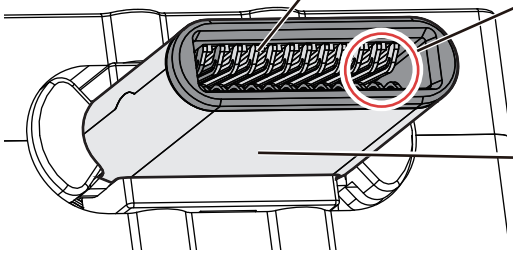
Various features designed specifically for connector testing

Unique high-hardness material realizes high durability

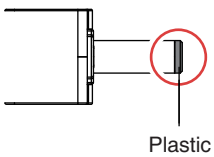
Eliminates a locking mechanism and realizes a low insertion force

Can be inserted smoothly into the connector with minimal force.

Connector plug with plastic tip minimizes damage to the connector of the device being tested

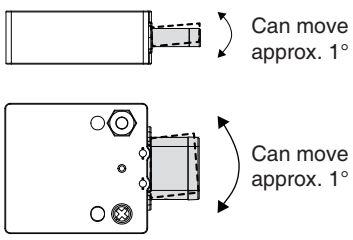


Plastic tip



The tip is plastic to reduce the possibility of scratching the device being tested.

Floating structure



The tip moves flexibly, allowing easy insertion even if the insertion angle is not completely horizontal.

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Application examples

Testable devices

All electronic devices that have a USB Type-C connector can be tested.



Smartphone inspection



Handheld game console inspection



Electronic tobacco inspection



Digital camera inspection

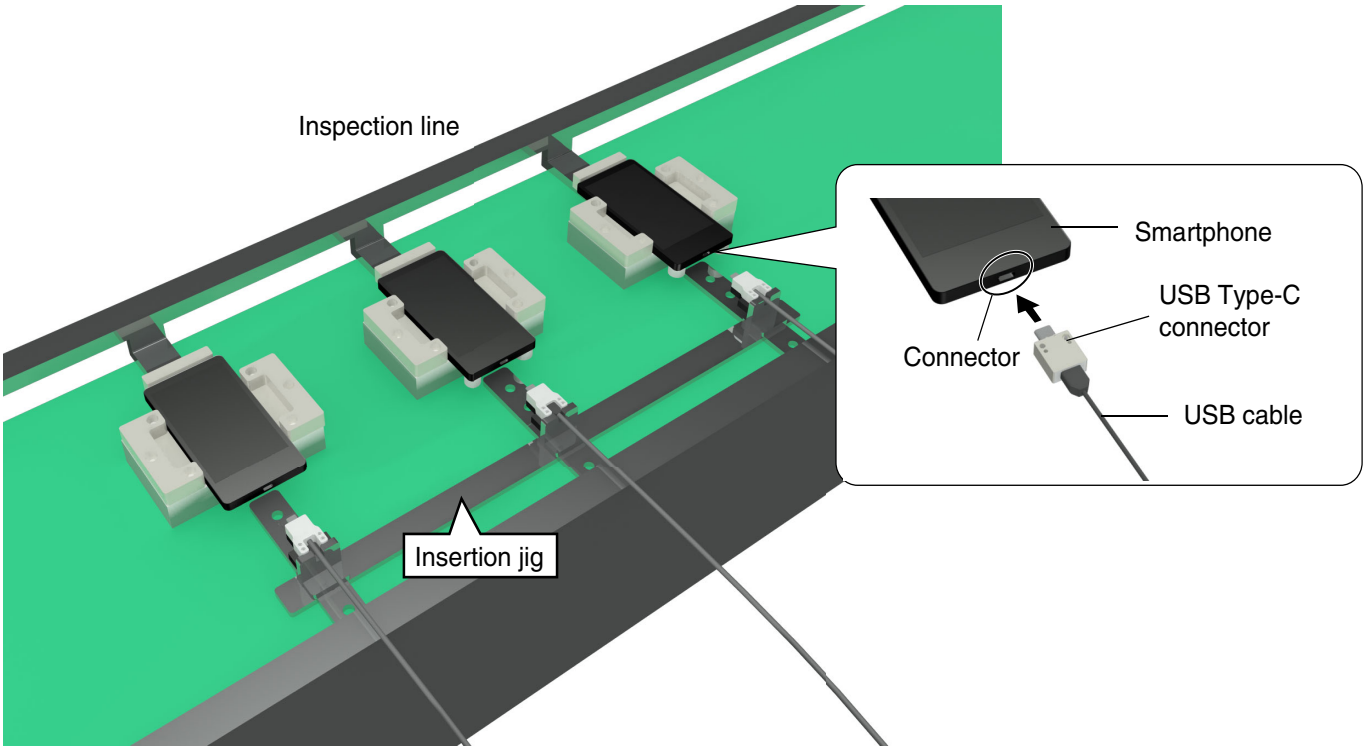


Headphone inspection



Notebook computer inspection

Example testing setup



Ordering Information

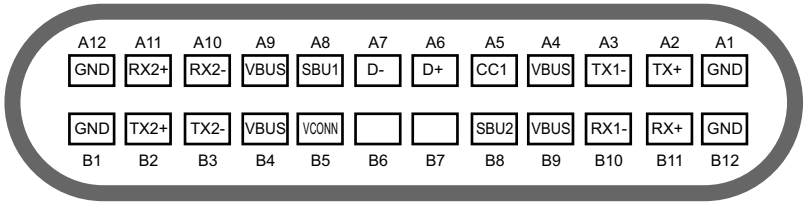
Model	Minimum packing unit
XP2U-001	1 Piece

Note: Please order in multiples of the minimum packing unit.

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Ratings/Characteristics

Rating

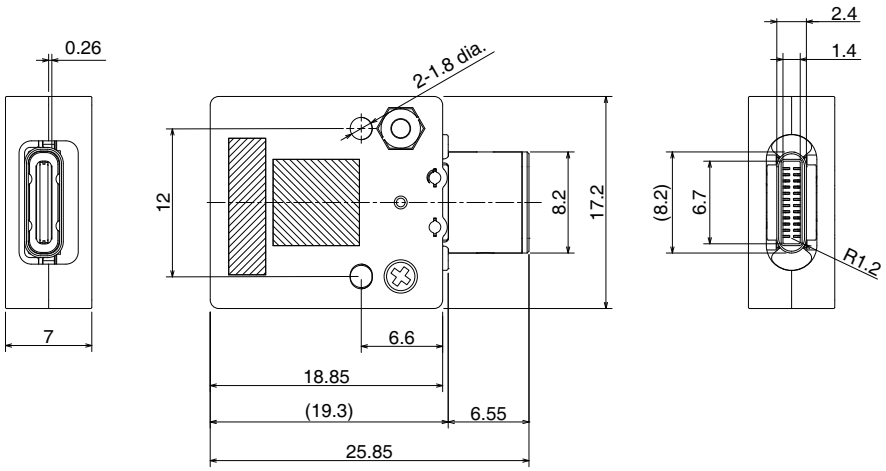
Item	Details
Rated current	1.25 ADC (USB Type-C, pin numbers A1, A4, A9, A12, B1, B4, B9, B12) 0.25 ADC (USB Type-C, pin numbers A2, A3, A5 to A8, A10, A11, B2, B3, B5 to B8, B10 to B11) 
Rated voltage	20 V DC/AC (ambient temperature 20°C)
Ambient operating temperature	5 to 40°C (no icing or condensation)
Ambient operating humidity	5 to 85°C RH
Ambient storage temperature	5 to 40°C (no icing or condensation)
Ambient storage humidity	5 to 85°C RH

Specification

Item	Details
Connection type	USB Type-C
Weight	Approx. 3.4 g

Dimensions

(Unit: mm)



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Safety Precautions

Operating and storage environment

1. Observe the following precautions when storing the product for a prolonged time.
2. Keep the storage location free from dust and moisture.
3. Do not store near sources of ammonia gas or sulfuric gas.
4. Do not store in direct sunlight or where the product will come in contact with rain or snow.

Precautions for Correct Use

When using the product

- One of unique point for this product is to prevent damage to DUT because of resin material on tip parts.
  Therefore there is threat to make damaging to the tip parts in case of use case with rotation action or inclination of insertion and withdrawal over floating angle. Please use not to make over floating angle.
- Do not drop the product. Risk of connector failure.
- Do not use a current higher than the current rating. Risk of abnormal heating.
- Do not wire the product in a way that will subject it to direct force. Risk of deformation.
- Do not use in the following environments.
  - A location exposed to direct radiant heat from heating equipment
  - A location where water or oil will get on the product
  - A location exposed to direct sunlight
  - A location where dust or corrosive gas (especially sulfuric gas or ammonia gas) is present
  - A location subject to sudden temperature changes
  - A location where there is a risk of icing or condensation
  - A location subject to significant vibration or shock

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