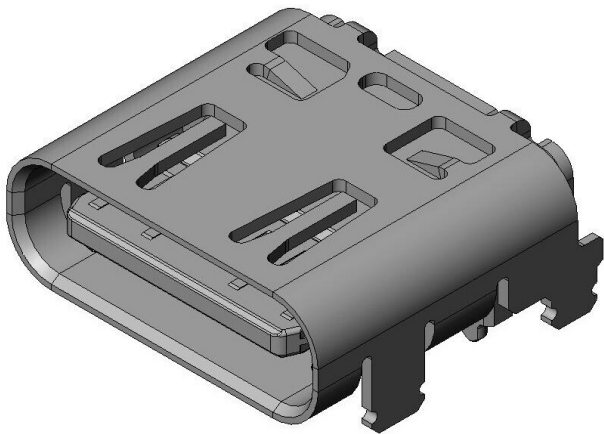


# DX07S024JA1R1300

## Product Details



### Features

(Automotive spec tested product)  
Input/Output Connector, USB Type-C connector, Shell-DIP length 0.6mm, Insert mold , With rear shield, 24 pos., 2-row SMT, On-board, Receptacle

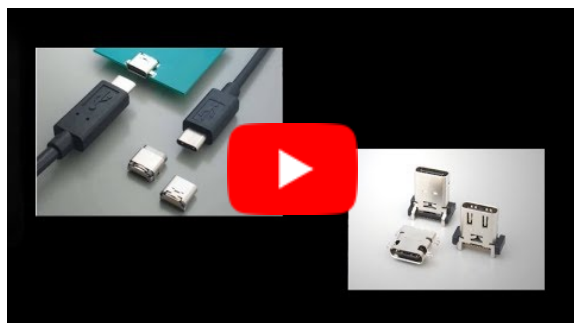
|                            |                                                                                                     |
|----------------------------|-----------------------------------------------------------------------------------------------------|
| Part Number                | DX07S024JA1R1300                                                                                    |
| Status                     | Active                                                                                              |
| Number of Positions        | 24 pos.                                                                                             |
| Rated Current              | 5 A max.                                                                                            |
| Rated Voltage              | 48 Vr.m.s.                                                                                          |
| Applicable Specifications  | USB 3.2 Gen2 Type-C                                                                                 |
| Waterproof/ Non-waterproof |                                                                                                     |
| Applications               | Smartphones, Game machine, Drive recorder, Digital still cameras, HDD/SSD, Hub, Printer, and others |
| Connector Type             | Receptacle                                                                                          |
| Connector Style            | Right angle                                                                                         |
| PCB Mounting Method        | 2 row SMT horizontal                                                                                |
| Replacement                |                                                                                                     |
| USB-IF Certification       | Certified                                                                                           |
| TID                        | 5,200,000,755                                                                                       |

|                                      |                                                                                                                                                                           |
|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Mounting Type                        | On-board                                                                                                                                                                  |
| Center Height                        | 1.57 mm                                                                                                                                                                   |
| Recommended Board Thickness          | 0.8 to 1.0 mm                                                                                                                                                             |
| Finish of Contact in Connecting Area | Gold plating over Nickel                                                                                                                                                  |
| Shell                                | With rear shield, DIP length 0.6 mm                                                                                                                                       |
| Contact Resistance                   | 40 milliohm max. initial                                                                                                                                                  |
| Dielectric Withstanding Voltage      | AC 100 Vr.m.s. (1 minute)                                                                                                                                                 |
| Insulation Resistance                | 100 megaohm min.                                                                                                                                                          |
| Operating Temperature Range          | -40 deg. C to +85 deg. C (general products)<br>-40 deg. C to +125 deg. C (for products evaluated to automotive specifications, including temperature rise when energized) |
| Mating Cycles                        | 10,000 times                                                                                                                                                              |
| Packaging Type                       | Embossed tape packaging                                                                                                                                                   |
| Quantity in The Standard Packaging   | 1,300 pcs./reel                                                                                                                                                           |
| RoHS compliant                       | 10 substances (2011/65/EU, (EU)2015/863)                                                                                                                                  |
| REACH compliant                      | 250 substances (25/06/2025)                                                                                                                                               |
| Remarks                              | * Not compatible with IATF                                                                                                                                                |

## Related information

### Product Videos





### Notice

1. The values specified in this web site are only for reference. The products and their specifications are subject to change without notice. Contact our sales staff for further information before considering or ordering any of our products.

For purchase, a product specification must be agreed upon.

2. Users are requested to provide protection circuits and redundancy circuits to ensure safety of the equipment, and sufficiently review the suitability of JAE's products to the equipment.

3. The products presented in this web site are designed for the uses recommended below.

We strongly suggest you contact our sales staff when considering use of any of the products in any other way than the recommended applications or for a specific use that requires an extremely high reliability.

#### (1) Applications that require consultation:

- \*Please contact us if you are considering use involving a quality assurance program that you specify or that is peculiar to the industry, such as:

Automotive electrical components, train control, telecommunications devices (mainline), traffic light control, electric power, combustion control, fire prevention or security systems, disaster eventon equipment, etc.

- \*We may separately give you our support with a quality assurance program that you specify, when you think of a use such as :

Aviation or space equipment, submarine repeaters, nuclear power control systems, medical equipment for life support, etc.

#### (2) Recommended applications include:

- \*Computers, office appliances, telecommunications devices (terminals, mobile units), measuring equipment, audiovisual equipment, home electric appliances, factory

automation equipment, etc