

PRODUCT DETAILS

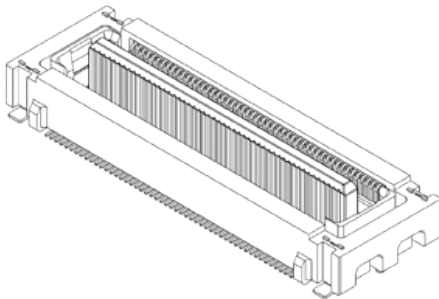
PRODUCT DETAILS

[Top](#) > [Products](#) > [Board to Board Connectors](#) > [9984B Series](#) > [IMSA-9984B-100Y901](#)

Floating

Robot Compatible

IMSA-9984B-100Y901 (Product number (Product) : IMSA-9984B-100B-GFN1)

 Document Download (Drawings can be confirmed after registration) Handling

Manual (manual_board_to_board.pdf)

IMSA-9984B-100Y901 [Inquire About](#) [Inquiries About Products](#) [Make a Sample Request](#)[* Request for ordering](#)

Product Info

Product number (Packaging)

IMSA-9984B-100Y901

Product number (Product)

IMSA-9984B-100B-GFN1

Category

Board to Board Connectors

Series

9984B

Specifications

Connecting Type

Plug

PCB Mounting Methods

SMT

Mating Interface

Stacking

Connector Orientation

Vertical

Contact Direction

Mating Direction

TopEntry

Pitch

0.5 Pitch

Solder Tail Pitch

0.5 Pitch

Pin Counts

100 Pin

Contact Plating

Gold

Plating Thickness

0.1 μ m Min.

Signal Spec

Signal Transmission Speed

Length (Pitch Direction)

33.5 mm

Width (Depth)

10.2 mm

Height

5.55 mm

Rated Voltage (AC)

50 V

Rated Voltage (DC)

50 V

Rated Current

0.5 A

Withstand Voltage

250 V (AC)

Impedance Matching

Contact Resistance

100 mΩ Max.

Operating Temperature Range (Max.)

105 °C

Operating Temperature Range (Min.)

-40 °C

Array

Dual Row

RoHS2

Yes

Halogen Free

No

Floating

Yes

2-Point Contact

No

Boss/Locator

Yes

Ground Terminal

No

Cap

Yes

Tape

No

X-Axis Floating Range

Y-Axis Floating Range

Effective Wiping Length

Amplitude

Durability

30

Card (FPC) Retention Mechanism

Packaging Type

Emboss

Package Quantity

400

List of products in the same series

Display Option

List

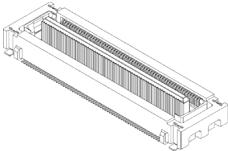
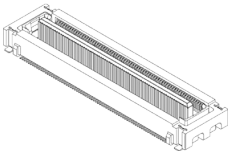
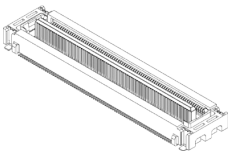
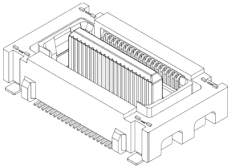
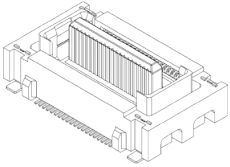
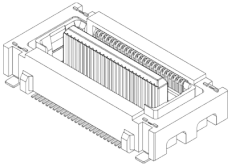
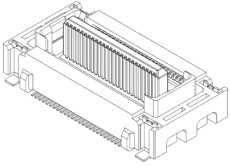
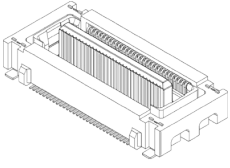
Image	Product Name		Series	Pin	Pitch(mm)	
☆	FloatingRobot Compatible IMSA-9984B-120Y912	s	9984B	120	0.5	
☆	FloatingRobot Compatible IMSA-9984B-140Y900	s	9984B	140	0.5	
☆	FloatingRobot Compatible IMSA-9984B-160Y912	s	9984B	160	0.5	

Image	Product Name		Series	Pin	Pitch(mm)
 	FloatingRobot Compatible	IMSA-9984B-40Y900	s	9984B	400.5
 	FloatingRobot Compatible	IMSA-9984B-40Y910	s	9984B	400.5
 	FloatingRobot Compatible	IMSA-9984B-50Y900	s	9984B	500.5
 	FloatingRobot Compatible	IMSA-9984B-50Y910	s	9984B	500.5
 	FloatingRobot Compatible	IMSA-9984B-60Y900	s	9984B	600.5

See More

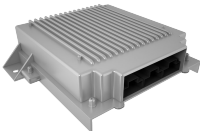
Product Application Examples



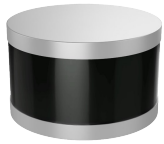
Millimeter-wave radar connector
Downloaded from [Arrow.com](https://www.arrow.com)



SENSING CAMERA



AUTONOMUS HEADUNIT



LiDAR



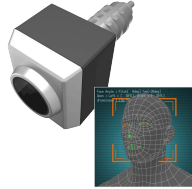
LASER RADAR



VIEW CAMERA



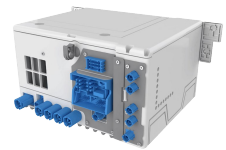
ECU FOR VIEW CAMERA



CONNECTOR FOR DRIVER MONITORING SYSTEM



CONNECTOR FOR IVI



CONNECTOR FOR TCU



Notes

1: Before using our website

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2: Notes for product descriptions

All data categories (product drawings, specifications, packaging specifications, catalogs, etc.) on this website are reference values. They may be changed without notice (including specification change, discontinuation of manufacturing, etc.). When considering or ordering any of the listed products, please contact our sales representative in advance and exchange "delivery specifications".

3: Please install protection circuits and redundant circuits on the PCB design to ensure the safety of the equipment and confirm the compatibility with our products.

4: The products described in all data categories are intended for the following recommended purposes. If you are considering the use for any purpose other than the following recommended purposes or equipment that requires reliability assurances, please contact our sales representative in advance.

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Example of inquiry

If you have a customer-specific or industry-specific quality assurance requirements for the following applications, please contact us.

* Application examples: Automotive electrical equipment, Train control system, Communication equipment (main line), Traffic signal control, Electric power, Combustion control, Fire and crime prevention equipment, Disaster prevention equipment, etc.

If you intend to use for the following specific applications, we may separately contact and verify for customer specific quality assurance requirements.

* Specific applications: Aerospace equipment, Undersea relay equipment, Nuclear power control systems, Life-sustaining medical equipment, etc.

* Recommended applications: Computers, Office machines, Communication equipment (devices, mobiles), Measuring equipment, AV equipment, Home appliances, FA equipment, etc.

Contact

Login

Information is automatically filled in based on your account information
(you can make inquiry without log in too)

Subject	Any	About IMSA-9984B-100Y901
Content of Inquiry	Required	
Mail address	Required	info@example.com
Market	Required	☐ Automotive Market ☐ Consumer Market ☐ Industrial Market
Full Name (First and Last Name)	Required	First nameTaroLast nameIriso
Company Name	Required	Sample Inc.
Department Name	Required	Sales Department

Address Required	Please select
Address2 Any	0-0-0 Marunouchi Sample Tower 101, Marunouchi, Chiyoda-ku
Position Any	Please select
Occupation Any	Please select
Phone Number Any	00000000 No Hyphens Required
E-mail Magazine Any	☒ To receive the latest event and technical news, please check the checkbox. If you want to unsubscribe, please uncheck the checkbox.
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Send

Category Search

- Board to Board Connectors
- FPC / FFC Connectors
- Socket Connectors
- I / O Connectors
- Pin Header Connectors
- Card Edge Connectors
- Compression Terminal
- ESD Protective Device

Mating Connector Search

height and pitch.
Choose from various
connector orientations
like straight, right
angle or parallel.

Filter Search

Search for products by
specific details such as
category, series, pin
count, pitch, board
mounting direction,
type of mating, etc...

Series Search

Search for products by
series.

Compression Search

Search by
compression terminal
ranges.

Products

- Category Search
- Board to Board Connectors
 - FPC / FFC Connectors
- Mating Connector Search
- Filter Search
- Series Search
- Compression Search

Solutions

- Automotive Connectors
- ADAS用
 - パワートレイン用
 - インフォテインメント用
- Consumer Connectors
- Home Appliances
 - Industrial Devices
- Industrial Connectors

Company

- Company Profile
- Message from the CEO
- Corporate History
- Locations
- CSR

Investors

- Management Policy
- To Shareholders and Investors
- Corporate Philosophy
- Mid-term Management Plan
- Stock Status
- IR News
- Financial Highlights

Technical Info

- About Our Connectors
- Glossary of Terms

Product Info

- Understanding IRISO Parts Numbers
- Instruction Manuals

Contact

- Product Inquiries
- IR Inquiry
- Other Inquiries

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