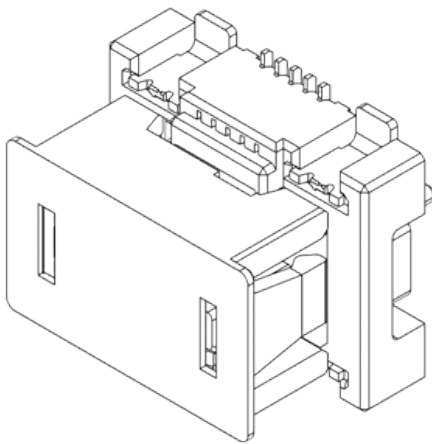


PRODUCT DETAILS

PRODUCT DETAILS

[Top](#) > [Products](#) > [Board to Board Connectors](#) > [10112Series](#) > [IMSA-10112S-10Y900](#)

IMSA-10112S-10Y900 (Product number (Product) : IMSA-10112S-10A-GFN1)

 Document Download (Drawings can be confirmed after registration) [Handling Manual \(manual_board_to_board.pdf\)](#)**IMSA-10112S-10Y900**[Inquire About](#) [Inquiries About Products](#) [Make a Sample Request](#)[* Request for ordering](#)

Product Info

Product number (Packaging)

IMSA-10112S-10Y900

Product number (Product)

IMSA-10112S-10A-GFN1

Category

Board to Board Connectors

Series

10112S

Specifications

Connecting Type

Socket

PCB Mounting Methods

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SMT

Mating Interface

RightAngle

Connector Orientation

RightAngle

Contact Direction

Mating Direction

TopEntry

Pitch

0.5 Pitch

Solder Tail Pitch

0.5 Pitch

Pin Counts

10 Pin

Contact Plating

Gold

Plating Thickness

0.1 μm Min.

Signal Spec

Signal Transmission Speed

Length (Pitch Direction)

9 mm

Width (Depth)

7.6 mm

Height

5.8 mm

Rated Voltage (AC)

50 V

Rated Voltage (DC)

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

2-Point Contact

No

Boss/Locator

Yes

Ground Terminal

No

Cap

Tape

No

X-Axis Floating Range

Y-Axis Floating Range

0.5

Effective Wiping Length

0.5

Amplitude

Durability

30

Card (FPC) Retention Mechanism

Packaging Type

Emboss

Package Quantity

700

List of products in the same series

Display Option

List ▼

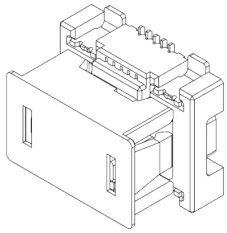
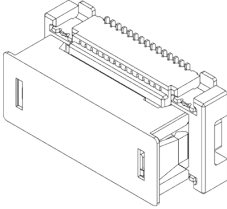
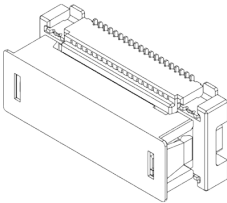
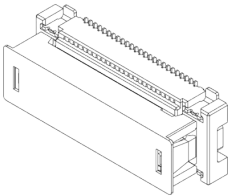
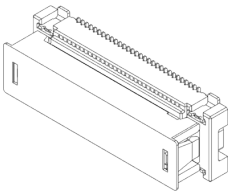
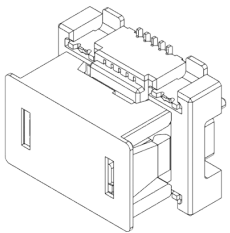
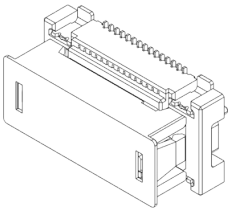
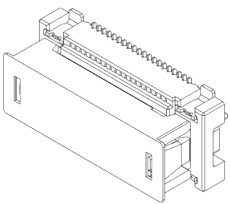
Image	Product Name		Series	Pin	Pitch(mm)	
☆	IMSA-10112S-10Y901	s	10112S	10	0.5	
☆	IMSA-10112S-30Y901	s	10112S	30	0.5	
☆	IMSA-10112S-40Y901	s	10112S	40	0.5	

Image	Product Name		Series	Pin	Pitch(mm)	
☆ 	IMSA-10112S-50Y901	s	10112S	50	0.5	
☆ 	IMSA-10112S-60Y901	s	10112S	60	0.5	
☆ 	IMSA-10112S-10Y900	s	10112S	10	0.5	
☆ 	IMSA-10112S-30Y900	s	10112S	30	0.5	
☆ 	IMSA-10112S-40Y900	s	10112S	40	0.5	

See More

Product Application Examples

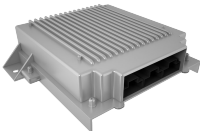


Millimeter-wave radar connector

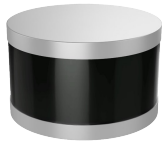
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SENSING CAMERA



AUTONOMUS HEADUNIT



LiDAR



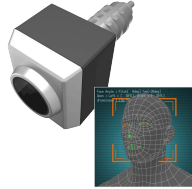
LASER RADAR



VIEW CAMERA



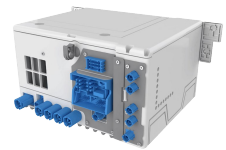
ECU FOR VIEW CAMERA



CONNECTOR FOR DRIVER MONITORING SYSTEM



CONNECTOR FOR IVI



CONNECTOR FOR TCU



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

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

Contact

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

Subject	Any	About IMSA-10112S-10Y900
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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like straight, right
angle or parallel.

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count, pitch, board
mounting direction,
type of mating, etc...

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series.

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ranges.

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