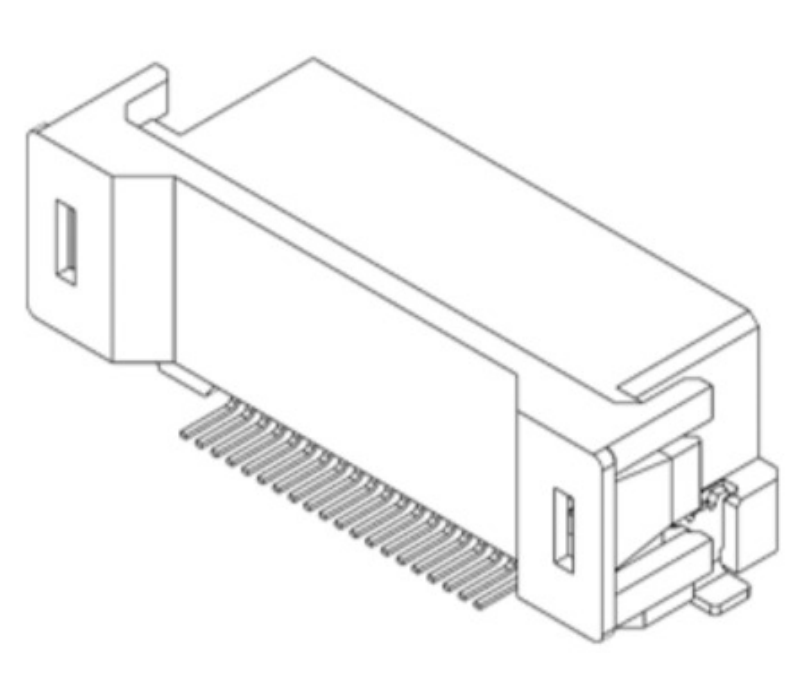
IMSA-10112B-40Y900 （Product number (Product)：IMSA-10112B-40A-GFN1）



Document Download (Drawings can be confirmed after registration)

- Packing Specification（KS-0002Z.pdf）
- Product Specification（IS-10112B.pdf）
- White Paper（WP_10112_JP_R1.pdf）

IMSA-10112B-40Y900 Inquire About

Inquiries About Products

Make a Sample Request

* Request for ordering

Products

Product number (Packaging)	IMSA-10112B-40Y900	Product number (Product)	IMSA-10112B-40A-GFN1
Category	Board to Board Connectors	Series	10112B

Specifications

Connecting Type	Plug	PCB Mounting Methods	SMT
Mating Interface	RightAngle	Connector Orientation	RightAngle
Contact Direction		Mating Direction	TopEntry
Pitch	0.5 Pitch	Solder Tail Pitch	0.5 Pitch
Pin Counts	40 Pin	Contact Plating	Gold
Plating Thickness	0.1 μm Min.	Signal Spec	
Signal Transmission Speed		Length (Pitch Direction)	16.5 mm
Width (Depth)	7.2 mm	Height	6.2 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 ℃	Operating Temperature Range (Min.)	-40 ℃
Array	Dual Row	RoHS2	Yes
Halogen Free	No	Floating	No
2-Point Contact	No	Boss Locator	Yes
Ground Terminal	No	Cap	
Tape	No	X-Axis Floating Range	0
Y-Axis Floating Range	0	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

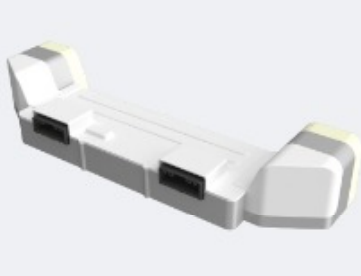
Display Option List

Category	Series	Pin	Pitch(mm)	Board Mounting Method	Mating I
Board to Board Connectors	10112B	10	0.5	SMT	Right
Board to Board Connectors	10112B	30	0.5	SMT	Right
Board to Board Connectors	10112B	40	0.5	SMT	Right
Board to Board Connectors	10112B	50	0.5	SMT	Right
Board to Board Connectors	10112B	60	0.5	SMT	Right
Board to Board Connectors	10112B	10	0.5	SMT	Right
Board to Board Connectors	10112B	30	0.5	SMT	Right
Board to Board Connectors	10112B	40	0.5	SMT	Right

See More

Product Application Examples

Millimeter-wave radar connector



SENSING CAMERA

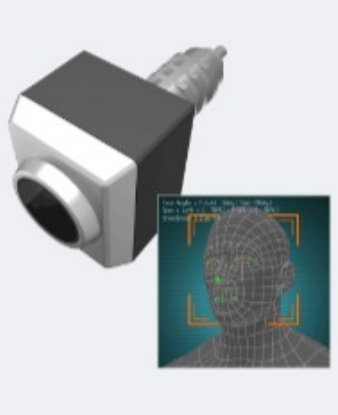
AUTONOMUS HEADUNIT

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-10112B-40Y900
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 name Taro Last name Iriso
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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Socket Connectors
I / O Connectors
Pin Header Connectors
Card Edge Connectors
Compression Terminal
ESD Protective Device

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Technical Info
About Our Connectors
Understanding IRISO Parts Numbers
Handling Manual

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Onboard Coaxial Camera Solution
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- Infotainment Connectors
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