PRODUCT DETAILS

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FPC / FFC Connectors | 1160SDSeries

IMSA-1160S-55Y900 （Product number (Product) : IMSA-1160S-55A-GF04）

Download Documents
Please check 3D data and drawings after login or contact us.
White Paper（WP_1160S_JP_R2.pdf）

IMSA-1160S-55Y900 Inquire About

Inquiries About Products

Make a Sample Request

2 Request in progress

Products

Product number (Packaging)	IMSA-1160S-55Y900	Product number (Product)	IMSA-1160S-55A-GF04
Category	FPC / FFC Connectors	Series	1160SDS

Specifications

Connecting Type	Socket	PCB Mounting Methods	SMT
Connector Orientation	Vertical	Contact Direction	Single(Contact)
Pitch	0.5 Pitch	Solder Tail Pitch	0.5 Pitch
Pin Counts	55 Pin	Contact Plating	Gold
Plating Thickness	0.2 μm Min.	Signal Epec	-
Signal Transmission Speed	25.0 Gbps（信号伝送速度上限）	Length (Pitch Direction)	11.6 mm
Width (Depth)	5 mm	Height	3.5 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	60 mΩ Max.
Operating Temperature Range (Min.)	-105 ℃	Operating Temperature Range (Min.)	-42 ℃
Array	Single Row	RoHS2	Yes
Halogen Free	Yes	2-Point Contact	No
Boss Locator	No	Ground Terminal	Yes
Slide Slider	-	Durability	10
Locks	Hold-Lock	Card (FPC) Retention Mechanism	Yes
Packaging Type	Embossed	Package Quantity	1000

List of products in the same series

Display Option: Gold

Image	Product Name	Series	Pin	Pitch(mm)
	Contact Inquiry / Contact Inquiry IMSA-1160S-08Y930	1160SDS	8	0.5
	Contact Inquiry / Contact Inquiry / New IMSA-1160S-10Y930	1160SDS	10	0.5
	Contact Inquiry / Contact Inquiry IMSA-1160S-15Y934	1160SDS	10	0.5
	Contact Inquiry / Contact Inquiry / New IMSA-1160S-15Y930	1160SDS	15	0.5

Sortbox

Product Application Examples

ECU for ADAS

LiDAR / 3D LiDAR

Laser Radar

ECU for View Camera

Driver Monitoring System

Battery Monitoring System / Battery

Car Charger

Head-Up Display

IVI (In-Vehicle Infotainment)

TCU (Telematics Control Unit)

CID (Center Information Display)

Switch

Notes

1. Before using our website
If you outsider or order our products from our website, please do so after you have confirmed and approved the terms of our**https://www.iriscorp.com/jp/policy/** and the following notes for using the website.

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. This product is not intended for use with equipment and devices related to human life such as medical equipment and devices, nuclear equipment and devices, aerospace equipment and devices, transportation equipment, and equipment and devices which require a high standard of reliability. If you are considering using our products for these purposes, please be sure to check with Our Company in advance, as you will need to confirm the specifications that suit your application.
Without checking with our company in advance, we assume no responsibility if this product is used for the control systems of these types of equipment and devices and if any injury or fire occurs due to failure of the product. Our Company prohibits users from purchasing or using this product for the purpose of installing it in a weapon system.

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Contact

Login
Information is automatically filled in based on your account information. (you can make inquiries without logging in too)

Subject Mandatory: About IMSA-1160S-55Y900

Content of Inquiry Mandatory

Mail address Mandatory: info@example.com

Market Mandatory
- Automotive Market
- Consumer Market
- Industrial Market

Full Name (First and Last Name) Mandatory: First name: Taro Last name: Iriso

Company Name Mandatory: Sample Inc.

Department Name Mandatory: Sales Department

Address Mandatory: Please select

Address2 Optional: 3F-5 Marunouchi Sample Tower 101, Marunouchi, Chiyoda-ku

Position Optional: Please select

Occupation Optional: Please select

Phone Number Optional: 0000000000 Use Hyphens Required

E-mail Magazine Optional
- To receive the latest event and technical news, please check the checkbox. If you want to unsubscribe, please uncheck the checkbox.

Privacy Policy Mandatory

Privacy Policy

1. Recognizing the importance of personal information, IRISO ELECTRONICS CO., LTD. (hereinafter "Company") shall endeavor to appropriately treat and protect personal information of customers, shareholders, and employees (including job applicants to the Company and those who have left the Company) (hereinafter referred to as the "Customers, etc.") in accordance with the following contents.

上記の個人情報の取扱いに同意します。

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