PRODUCT DETAILS

PRODUCT DETAILS

Add to Comparison | Add to Favorites

IMSA-1100SD-45Y900 （Product number (Product)：IMSA-1100SD-45A-GF04）

Download Documents
Please check 3D data and drawings after logging in or signing up.
Log in or sign up to download
White Paper（WP_1100S_rP_R3.pdf）

IMSA-1100SD-45Y900 Inquire About

Inquiries About Products

Make a Sample Request

2 Request in progress

Products

Product number (Packaging)	IMSA-1100SD-45Y900	Product number (Product)	IMSA-1100SD-45A-GF04
Category	FPC / FFC Connectors	Series	1100SDS

Specifications

Connecting Type	Socket	PCB Mounting Methods	SMT
Connector Orientation	Vertical	Contact Direction	SingleContact
Pitch	0.5 Pitch	Solder Tail Pitch	0.5 Pitch
Pin Counts	45 Pin	Contact Plating	Gold
Plating Thickness	0.2 μm Min.	Signal Spec	-
Signal Transmission Speed	25.0 Gbps（信号伝送速度上限）	Length (Pitch Direction)	28.6 mm
Width (Depth)	5 mm	Height	6.3 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 Options: Grid

Image	Product Name	Series	Pin	Pitch(mm)
	Add to Comparison / Add to Favorites IMSA-1100SD-08Y030	1100SDS	8	0.5
	Add to Comparison / Add to Favorites / New Item IMSA-1100SD-10Y030	1100SDS	10	0.5
	Add to Comparison / Add to Favorites IMSA-1100SD-10Y054	1100SDS	10	0.5
	Add to Comparison / Add to Favorites / New Item IMSA-1100SD-15Y030	1100SDS	15	0.5

See More

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 use(**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.

5. Disclaimers
IRISO is providing all design, code, or other such information "as is" without any warranty whatsoever. By providing design, code, or other such information, IRISO makes no claim or warranty that any such implementation, alone or in combinations, is free from any potential infringement or related claims. By placing an order or making a purchase, buyer accepts full responsibility for obtaining any rights buyer may require for its implementation of any such design, code, or other such information. IRISO expressly disclaims any warranty whatsoever with respect to the adequacy of any implementation of such design, code, or other such information, including, but not limited to, any warranties or representations that any implementation is free from claims of infringement and any implied warranties, including but not limited to, warranties of merchantability or fitness for a particular purpose.

Contact

Login
Information is automatically filled in based on your account information (you can make changes after logging in).

Subject Required
About IMSA-1100SD-45Y900

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 Optional
JR Ochanomizu Sample Tower 101, Ohanomachi, Chiyoda-ku

Position Optional
Please select

Occupation Optional
Please select

Phone Number Optional
0000000000 No 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 Required
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。

Send