PRODUCT DETAILS

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FPC / FFC Connectors | 1160SDSeries

IMSA-1160S-55Y910（Product number (Product)：IMSA-1160S-55B-GF94）

Recommended Documents
Please check 3D data and drawings after purchase of this product.
White Paper（WP_11605_cP_R3.pdf）

IMSA-1160S-55Y910 Inquire About

Inquiries About Products

Make a Sample Request

2 Requests in progress

Products

Product number (Packaging)	IMSA-1160S-55Y910	Product number (Product)	IMSA-1160S-55B-GF94
Category	FPC / FFC Connectors	Series	1160SDS

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	55 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)	11.6 mm
Width (Depth)	5 mm	Height	6 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 (Max.)	+82 ℃
Array	Single Row	RoHS2	Yes
Halogen Free	Yes	2-Point Contact	No
Boss Locator	No	Ground Terminal	No
Slide Slider	-	Durability	10
Locks	Relief 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)
	FPC / FFC Connectors · Board to Board Connectors IMSA-1160S-55Y930	1160SDS	8	0.5
	FPC / FFC Connectors · Board to Board Connectors · Pick & Place IMSA-1160S-10Y930	1160SDS	10	0.5
	FPC / FFC Connectors · Board to Board Connectors IMSA-1160S-10Y954	1160SDS	10	0.5
	FPC / FFC Connectors · Board to Board Connectors · Pick & Place IMSA-1160S-15Y930	1160SDS	15	0.5

Switchboard

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

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2. Rules 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.
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Contact

Login
Information is automatically filled in based on your account information (you can make changes as desired by hand)

Subject Required
About IMSA-1160S-55Y910

Contact 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 Ebisu/Ebisu Station Sample Tower 101, Minami-ku, Chiyoda-ku

Position Optional
Please select

Occupation Optional
Please select

Phone Number Optional
0000000000 No Hyphens Required

E-mail Magazine Optional
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Privacy Policy
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