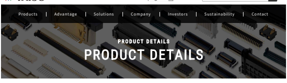
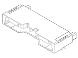





High heat-resistant

# IMSA-13103B-16Y901 （Product number (Product)： IMSA-13103B-16B-TR）



**Download Documents**
Please check 3D data and drawings after Login/Create Account .

White Paper（WP_13103_R5.pdf）

**IMSA-13103B-16Y901** Inquire About

Inquiries About Products

Make a Sample Request

* Request for ordering

## Products

| | | | |
|---|---|---|---|
| Product number (Packaging) | IMSA-13103B-16Y901 | Product number (Product) | IMSA-13103B-16B-TR |
| Category | Wire Harness Connectors | Series | 13103B |

## Specifications

| | | | |
|---|---|---|---|
| Connecting Type | Plug | PCB Mounting Methods | SMT |
| Connector Orientation | RightAngle | Pitch | 2 Pitch |
| Solder Tail Pitch | 2 Pitch | Pin Counts | 16 Pin |
| Contact Plating | Tin | Plating Thickness | 1 μm Min. |
| Signal Spec | - | Signal Transmission Speed | |
| Length (Pitch Direction) | 39.6 mm | Width (Depth) | 18.2 mm |
| Height | 6.5 mm | Rated Voltage (AC) | 50 V |
| Rated Voltage (DC) | 50 V | Rated Current | 3 A |
| Withstand Voltage | 500 V（AC) | Impedance Matching | |
| Contact Resistance | | Operating Temperature Range (Max.) | 125 ℃ |
| Operating Temperature Range (Min.) | -40 ℃ | Array | - |
| RoHS2 | Yes | Halogen Free | No |
| 2-Point Contact | No | Boss Locator | No |
| Ground Terminal | No | Durability | 10 |
| Card (FPC) Retention Mechanism | - | Packaging Type | Emboss |
| Package Quantity | 350 | | |

## Product of Mating Partner

Display Option List

| Image | Product Name | Series | Pin | Pitch(mm) |
|---|---|---|---|---|
| | High heat-resistant IPS-13065T-01A-T | 13065T | | |
| | High heat-resistant IMSA-13103S-16Y501 | 13103S | 16 | 2 |

## List of products in the same series

Display Option List

| Image | Product Name | Series | Pin | Pitch(mm) |
|---|---|---|---|---|
| | High heat-resistant IMSA-13103B-02Y900 | 13103B | 2 | 2 |
| | High heat-resistant IMSA-13103B-02Y901 | 13103B | 2 | 2 |
|  | High heat-resistant IMSA-13103B-04Y900 | 13103B | 4 | 2 |
| | High heat-resistant IMSA-13103B-04Y901 | 13103B | 4 | 2 |

See More

## Product Application Examples

ECU for ADAS

ECU for View Camera

Battery Monitoring System / Battery

Car Charger


Automotive DC/DC Converter


Automotive Inverter


Automotive Motor


eAxle


TCU (Telematics Control Unit)

Car Navigation System

## Notes

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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.

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## Contact

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

**Subject** Any — About IMSA-13103B-16Y901

**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.

**Privacy Policy** Required

Privacy Policy

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