

IRISO's 985* Series refers to our connector series numbers 9850-9856 in numerical order. Their function and capabilities

remain the same, but they vary in height, number of contacts, and configuration.

These connectors come in a 1.0mm pitch with a floating function which increases operation efficiency while also making the assembly process easier for operators.

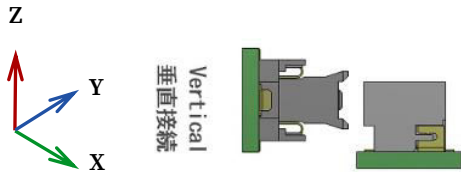
With a wide variation of mating heights and connection structures (vertical, horizontal, stacking), makes these connectors compatible with various PCB arrangements within devices.

【Target Application】

Inverter, Converter, Power Module, Motor, EPS

Floating Function

With a floating range of $X \pm 0.5 \sim 0.8\text{mm}$, $Y \pm 0.5\text{mm}$, and $Z \pm 0.4 \sim 0.8\text{mm}$, this function mitigates the stress on the soldering joint while in the assembly process reducing product waste while saving our customers money.



Over 400 Variations

This series allows for over 400 variations by varying the combinations of mating heights and number of contacts.

The 985* Series is compatible with vertical, horizontal, and stacking connection configurations. This allows the series to meet a variety of designs and specifications from our customers.

STACKING



VERTICAL



HORIZONTAL



RoHS Compliant

IRISO is RoHS compliant meaning we follow the restriction of hazardous substances guidelines established by the European Union. We strive to maintain this certification as new environmental restrictions are adopted.

IMSA-985*B-~~XXYXXX~~ / IMSA-985*S-~~XXYXXX~~

9850 Series / 9851 Series / 9852 Series / 9853 Series / 9854 Series / 9855 Series / 9856 Series

Product Spec

Item	Unit	Specification
Pitch	mm	1.0
Floating	mm	X:±0.5~0.8 Y:±0.5 Z:±0.4~0.8
Mating height	mm	5.5~22.1
Pin Counts	ckt	4-40
Connecting Type	-	Stacking / Vertical / Horizontal
Operating Temperature Range	℃	-40~105
Rated Current	A	1
Rated Voltage	V	125
Contact Resistance	mΩ	100
Withstand Voltage	V	250
Durability (Insertion/Withdrawal)	times	30

* For packaging info, please refer to our packaging drawing.
* Contents are subject to change without prior notice, due to our quest for improving product performance. Dimensions and specifications described herein are limited to major items. For more details on how to use this connector, please request a drawing and specification sheet. *Specifications may be subject to changes without prior notice, due to our quest for improving product performance.

* 掲載している内容・仕様・数値は、概略のものであり、予告無しに変更されることがあります。
* ご使用の際は、最新の図面・仕様書をお取り寄せ頂き、正しくご使用下さい。ご不明な点などございましたら、弊社営業担当にご相談ください。
* 製品の梱包については図面をご確認ください

Plug

Parts	Material	Plating
Housing	46Nyron	-
Retainer	-	-
Contact	Phosphor Bronze	Ni, Gold
Metal Flange	-	-

Socket

Component	Material	Plating
Housing	46Nyron	-
Retainer	-	-
Contact	Phosphor Bronze	Ni, Gold
Metal Flange	-	-