

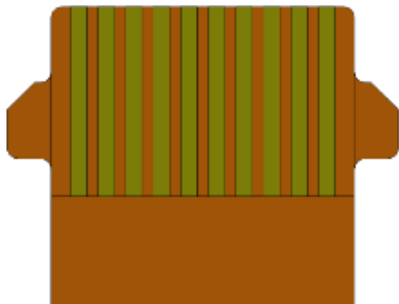
0.50mm pitch, SMT, RA (lower contact) type FPC / FFC connector. Iriso's original lock method I-Lock that thoroughly pursues the prevention of FPC / FFC card disconnection. Front flip structure with good workability. Two-point contact structure with high contact reliability.

【Target Application】

Infotainment (cockpits), Home appliances, Commercial appliances, Industrial equipment, Robots

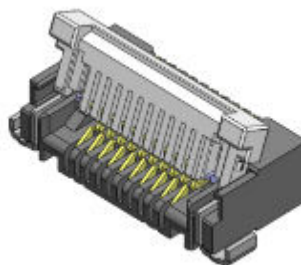
I-Lock Structure

The I-Lock connector is based on Iriso's proprietary lock mechanism design, which will securely hold a FPC/FFC cable by the ear shaped tab located on either side of the cable with holding terminals.



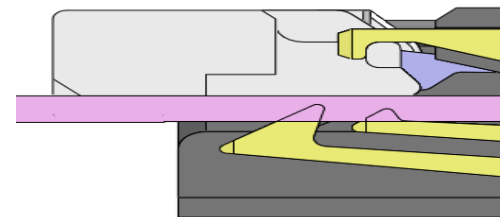
Front Flip structure

The flip lock structure allows easy and light force to connect FPC / FFC. There is a click feeling when locked, so you can connect with confidence.



2 Point Contact

With Iriso's two-point contact, even if one contact rides on a foreign object, the other contact will contact. It provides a reliable connection even in an environment where dust and dirt are likely to occur. You can use it with confidence for devices that require high connection reliability.



IMSA-12003S-~~XX~~Y9~~XX~~

Product Spec

Item	Unit	Specification
Pitch	mm	0.5
Lock	-	I-Lock
Mating height	mm	-
Pin Counts	ckt	6~70
Mount Type	-	Right angle
Operating Temperature Range	℃	-40~+105
Rated Current	A	0.5
Rated Voltage	V	50
Contact Resistance	mΩ	40
Withstand Voltage	V	250
Durability (Insertion/Withdrawal)	times	20

* 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	-	-
Retainer	-	-
Contact	-	-
Metal Flange	-	-

Socket

Component	Material	Plating
Housing, Cover	LCP	-
Contact	Phosphor Bronze	Gold
Metal Flange	Phosphor Bronze	Tin