

FACILxx33G FFC for IRISO Auto i-Lock series

FFC 0,5mm white Wire dimension (0,035x0,3) – strip lengths 2,2mm/2,2mm - Reinforcement tape lengths 10mm/10mm – 0.5A / 105°/60V – with LVDS Impedance 100Ω with GND Plates

Mating Connector:

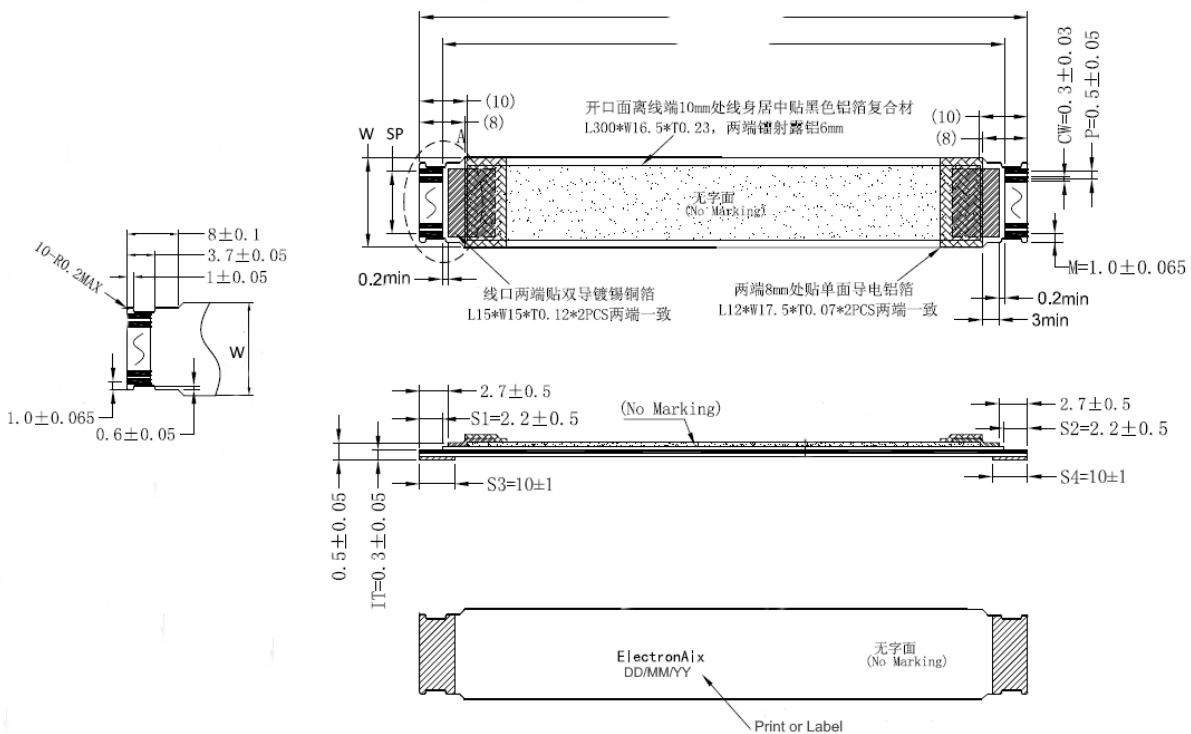
IMSA-11501S-xxY900 – 90° with GND Terminal



IMSA-11600S-xxY900 – 180° with GND Terminal



FACIL-T-NN-LLLL33G11600 drawing only for reference:



Pitch	P	0.5	±0.05
Span	SP	(N-1)x0.5	±0.05
Width	W	(N-1)x0.5+3	±0.1
Margin	M	1.0	±0.08
Insert Thickness	T	0.3	±0.05
Strip length	S1	2.2	±0.5
	S2	2.2	±0.5
Reinforcement tape length	S3	10*	±1
	S4	10*	±1
Inner length	IL	TL-(S1+S2)	±2
Total length	TL		±2
No. of pins	N	NN (10-60)	
Conductor dimension	Thickness 1	0.035	±0.005
	Thickness 2	0.05	±0.005
	Width	0.3	±0.03
Slanting	A	< 0.3	

*or customized length

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Possible Types:

A = SAME = Same Side



Label or Print on this side: ElectronAix + Lot-No.

B = OPP = Opposite Side



Label or Print on one side: ElectronAix + Lot-No.

Partnumber:

FACIL-T- NN-LLLL 33 G 11600

FACIL -T NN LLLL 33 G 11600 = Pitch 0.5 (2,2/2,2/10/10)(0,05*0,3) Au

G = Plating Gold Au

33 = Indicator Conductor Dimension (0,035x0,3); 53 (0.05x0.03)

LLLL = Length in mm

NN = No. of Wires (10-60)

T =Type(A=Same; B= Opp)

FACIL = FFC Catcher IRISO Auto I-Lock LVDS+GND Plates with Print and Lot No.

Example: FACIL-B-50-060053G11600

= FFC 0,5mm 105° 60V OPP 50P 600mm 0,05x0,3 Au IRISO Auto I-Lock 11600 with LVDS 100Ohm Impedance and GND Plates

Custom specific dimension and options:

*1 Fill in number of wires

*2 Fill in the wanted total length

*3 Choose other reinforcement tape lengths than recommended by Iriso Autolock series / Blank = Standard

Number of wires/positions	Total length	Reinforcement tape lengths
NN	LLLL	S3 / S4
*1	*2	*3 / *3
<input type="text"/>	<input type="text"/>	<input type="text"/>

Other specific solution which requires customer specific drawings:

*4 Special text for print or labels (not standard)

*5 Fold (not standard). How much folds, the needed dimensions and angles

*6 EMI shielded, High speed,

Environmental

The products meet EU RoHS Directive 2011/65/EU, including the delegated regulation (EU) 2015/863

The products meet EU REACH Directive 1907/2006/EU



Characteristics

Item	Test Method	Specification
Flameability	UL	VW-1
Conductor resistance	JIS C3102 at 20°C	<2,0 Ohm/m
Insulation resistance	DC500V at 20°C	>1000 MOhm
Dielectric withstanding voltage between conductors	AC500V 1min	No Breakdown
Rated Voltage / temperature	--	60V / 105°
Rated Current	--	0,5A
Continuity	DC3,0V 0,1mA Continuity Tester	No open /short circuit
Heat Resistance	110° 96hrs	Insulation and Dielectric withstanding Voltage pass
Temperature Cycling	-40° 4hrs 110° 4hrs 25° 1hr 5 Cycles	Insulation and Dielectric withstanding Voltage pass
Humidity	40°C 95% RH 96hrs	Insulation and Dielectric withstanding Voltage pass
Flexing	180° folding 180° Radius 15mm, speed 70 cycles / min., stroke 100mm	>20 Cycles >1000000 Cycles
Insulation Elongation	JIS-K-6732	>60%
Insulation Tensile Strength	JIS-K-6732	>3,5Kg /mm ²
Abrasion	0,5mm, 600g 60 cycles / min.	>10000cycles
Plating Thickness Test	--	Ni ≥ 0.75µm, AU ≥ 0.075µm