

# DIANWEI

Precision Connectors Solutions Provider

Since 2006

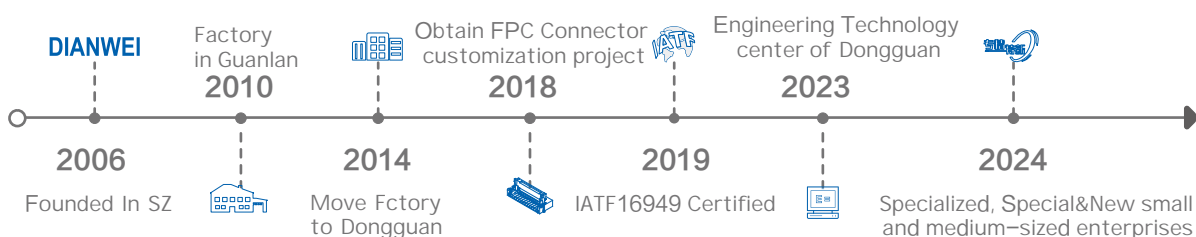


**FFC/FPC || FAKRA || TYPE-C || OEM/JDM** Connectors  
Dongguan Dianwei Electronic Technology Co.,Ltd.

# Dongguan Factory >



Pursue superior technology || Maintain good quality || Meet customer needs



# Patents >




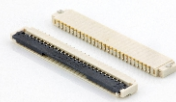


\*The DIANWEI logo was registered under the Madrid System.






# FFC/FPC Connectors >

Comply with the EU RoHS, REACH

Dianwei self-developed FFC/FPC connector products have the pitches including 0.3, 0.4, 0.5 & 1.0mm, offering 16 series with about 400 pin products. These products are extensively applied in TV T-con board, Mini LED Tv, Displays, Automotive Electronics, Medical Electronics, Consumer Electronics, Refrigerators, Washing Machines, Computers, Robotics and Smart IoT Machines etc.

Items	 8.03A0 Series ZIF P0.3mm H=0.9mm Rear Flip Lock	 8.07A0 Series ZIF P0.5mm H=1.0mm Rear Flip Lock	 8.02A0 Series ZIF P0.5mm H=1.2mm Rear Flip Lock	 8.01A0 Series ZIF P0.5mm H=2.0mm Rear Flip Lock	 8.04A0 Series ZIF P1.0mm H=2.0mm Rear Flip Lock
Alternative PN#			8.18A0、8.21A0、8.22A0	8.19A0	
Pin Pitch	0.30	0.50	0.50	0.50	1.00
Board Pitch	0.60	0.50	0.50	0.50	1.00
Available Pins	9-71PIN	4-50PIN	4-60PIN	4-60PIN	4-40PIN
Flip Close H(mm)	0.90	1.00	1.20	2.00	2.00
Flip Open H(mm)	1.60	1.75	2.26	3.10	3.10
Flip Depth(mm)	3.35	3.20	3.80	5.32	5.90
Flip Close Depth(mm)	4.00	3.80	4.68	5.90	4.60
Contact Point A(mm)	1.15	0.87	1.25	1.36	1.36
Contact Point B(mm)	0.58	0.87	1.25	1.36	1.36
Mating Depth(mm)	1.50	1.30	1.92	2.10	2.10
Cable Thickness(mm)	0.20±0.03	0.30±0.02	0.30±0.02	0.30±0.02	0.30±0.02
Rating Current	0.2A/PIN	0.5A/PIN	0.5A/PIN	0.5A/PIN	0.5A/PIN
Contact Points	Top&Bottom	Top&Bottom	Top&Bottom	Top&Bottom	Top&Bottom
MPO(pcs)	3000	3000	3000	1500	1500

Items	 8.26A0 Series ZIF P0.3mm H=1.1mm Front Flip Lock	 8.15A0 Series ZIF P0.5mm H=1.8mm Front Flip Lock	 8.25A0 Series ZIF P1.0mm H=1.8mm Front Flip Lock	 8.12A0 Series LIF P0.5mm H=4.6mm One side Lock	 8.13A0 Series LIF P0.5mm H=2.0mm Horizontal Lock
Alternative PN#	8.26A1(Black+Brown) 8.26A2(Black+Black)	8.20A0、8.38A0、8.39A0			8.23A0(Top Contact Points)
Pin Pitch	0.30	0.50	1.00	0.50	0.50
Board Pitch	0.60	0.50	1.00	1.00	0.50
Available Pins	13-71PIN	4-128PIN	4-40PIN	4-60PIN	4-60PIN
Flip Close H(mm)	1.10	1.80	1.80	3.50	2.00
Flip Open H(mm)	2.10	3.90	3.90	3.50	2.00
Flip Depth(mm)	3.20	5.70	5.70	6.05	6.71
Flip Close Depth(mm)	3.50	5.70	5.70	4.60	5.41
Contact Point A(mm)	1.45	1.30	1.30	1.40	1.45
Contact Point B(mm)	0.80	1.05	1.05	/	/
Mating Depth(mm)	2.15	4.30	4.30	2.70	2.80
Cable Thickness(mm)	0.20±0.02	0.30±0.02	0.30±0.02	0.30±0.02	0.30±0.02
Rating Current	0.2A/PIN	0.5A/PIN	0.5A/PIN	0.5A/PIN	0.5A/PIN
Contact Points	Bottom Dual Points	Bottom Dual Points	Bottom Dual Points	One Side Dual Points	Bottom Dual Points
MPO(pcs)	3000	2000	2000	1000	2000

Items	 8.68A0 Series ZIF P0.4mm H=2.55mm Rear Flip Lock	 8.58A0 Series ZIF P0.5mm H=2.55mm Rear Flip Lock	 8.59A0 Series (EMI) ZIF P0.5mm H=1.8mm Front Flip Lock	 8.35A1 Series ZIF P0.5mm H=4.35mm Rear Flip Lock, Mid-SMT	 8.36A1 Series ZIF P1.0mm H=4.35mm Rear Flip Lock, Mid-SMT
Alternative PN#				8.35A0	8.36A1
Pin Pitch	0.40	0.50	0.50	0.50	1.00
Board Pitch	0.40	0.50	0.50	0.50	1.00
Available Pins	70-120PIN	10-100PIN	4-128PIN	6-80PIN	6-30PIN
Flip Close H(mm)	2.50	2.55	1.80	4.35	4.35
Flip Open H(mm)	6.52	6.52	3.90	6.20	6.20
Flip Depth(mm)	5.70	5.70	5.70	4.00	4.00
Flip Close Depth(mm)	6.97	6.97	5.70	4.00	4.00
Contact Point A(mm)	2.15	2.15	1.30	1.53	1.53
Contact Point B(mm)	1.75	1.75	1.05	1.15	1.15
Mating Depth(mm)	4.20	4.20	4.30	2.20	2.20
Cable Thickness(mm)	0.30±0.03	0.30±0.02	0.30±0.02	0.30±0.02	0.30±0.02
Rating Current	0.5A/PIN	0.5A/PIN	0.5A/PIN	0.5A/PIN	0.5A/PIN
Contact Points	Bottom Dual Contact Points	Bottom Dual Contact Points	Bottom Dual Contact Points	Bottom Dual Contact Points	Bottom Dual Contact Points
MPO(pcs)	1500	1500	2000	1000	1000

Dianwei self-developed Fakra connectors and harness products adhere to the standards including USCAR 17/18, LV214 and ISO20860-1, offering over 126 types connectors and harness products. These products are extensively utilized in Automotive Antennas, GPS systems, T-BOX units, ADAS, 360 surround view,Radar, Vehicle Camera etc.





PN#	Items					
Code	7.03A1 Series Vertical (Male)	7.03A0 Series Mid-Mount (Male)	7.03A2 Series Horizontal (Male)	7.03AD Series 90°Mid-Mount(Male)	7.03AG Series 90°Horizontal(Male)	
A TYPE	Black / 9005	7.03A1.000820-A	7.03A0.000820-A	7.03A2.000820-A	7.03AD.00082A	7.03AG.00082A
B TYPE	White / 9001	7.03A1.000821-B	7.03A0.000821-B	7.03A2.000821-B	7.03AD.00082B	7.03AG.00082B
C TYPE	Blue / 5005	7.03A1.000822-C	7.03A0.000822-C	7.03A2.000822-C	7.03AD.00082C	7.03AG.00082C
D TYPE	Bordeaux/4004	7.03A1.000823-D	7.03A0.000823-D	7.03A2.000823-D	7.03AD.00082D	7.03AG.00082D
E TYPE	Green / 6002	7.03A1.000824-E	7.03A0.000824-E	7.03A2.000824-E	7.03AD.00082E	7.03AG.00082E
F TYPE	Brown / 8011	7.03A1.000825-F	7.03A0.000825-F	7.03A2.000825-F	7.03AD.00082F	7.03AG.00082F
G TYPE	Grey / 7031	7.03A1.000826-G	7.03A0.000826-G	7.03A2.000826-G	7.03AD.00082G	7.03AG.00082G
H TYPE	Violet / 4003	7.03A1.000827-H	7.03A0.000827-H	7.03A2.000827-H	7.03AD.00082H	7.03AG.00082H
I TYPE	Beige / 1001	7.03A1.000828-I	7.03A0.000828-I	7.03A2.000828-I	7.03AD.00082I	7.03AG.00082I
K TYPE	Curry / 1027	7.03A1.000829-K	7.03A0.000829-K	7.03A2.000829-K	7.03AD.00082K	7.03AG.00082K
L TYPE	Camine Red/3002	7.03A1.00082A-L	7.03A0.00082A-L	7.03A2.00082A-L	7.03AD.00082L	7.03AG.00082L
M TYPE	Pastel Org/2003	7.03A1.00082B-M	7.03A0.00082B-M	7.03A2.00082B-M	7.03AD.00082M	7.03AG.00082M
N TYPE	Pastel Grn/6019	7.03A1.00082C-N	7.03A0.00082C-N	7.03A2.00082C-N	7.03AD.00082N	7.03AG.00082N
Z TYPE	Water Blue/5021	7.03A1.00082D-Z	7.03A0.00082D-Z	7.03A2.00082D-Z	7.03AD.00082Z	7.03AG.00082Z

PN#	Items				
Code	7.03A3 Series Non-Waterproof (Male) Harness/Connector	7.03A7 Series Waterproof (Male) Harness/Connector	7.03A4 Series Non-Waterproof (Female) Harness/Connector	7.03A8 Series Waterproof (Female) Harness/Connector	
A TYPE	Black / 9005	7.03A3.001010-A	7.03A7.001000-A	7.03A4.001010-A	7.03A8.001000-A
B TYPE	White / 9001	7.03A3.001011-B	7.03A7.001001-B	7.03A4.001011-B	7.03A8.001001-B
C TYPE	Blue / 5005	7.03A3.001012-C	7.03A7.001002-C	7.03A4.001012-C	7.03A8.001002-C
D TYPE	Bordeaux/4004	7.03A3.001013-D	7.03A7.001003-D	7.03A4.001013-D	7.03A8.001003-D
E TYPE	Green / 6002	7.03A3.001014-E	7.03A7.001004-E	7.03A4.001014-E	7.03A8.001004-E
F TYPE	Brown / 8011	7.03A3.001015-F	7.03A7.001005-F	7.03A4.001015-F	7.03A8.001005-F
G TYPE	Grey / 7031	7.03A3.001016-G	7.03A7.001006-G	7.03A4.001016-G	7.03A8.001006-G
H TYPE	Violet / 4003	7.03A3.001017-H	7.03A7.001007-H	7.03A4.001017-H	7.03A8.001007-H
I TYPE	Beige / 1001	7.03A3.001018-I	7.03A7.001008-I	7.03A4.001018-I	7.03A8.001008-I
K TYPE	Curry / 1027	7.03A3.001019-K	7.03A7.001009-K	7.03A4.001019-K	7.03A8.001009-K
L TYPE	Camine Red / 3002	7.03A3.00101A-L	7.03A7.00100A-L	7.03A4.00101A-L	7.03A8.00100A-L
M TYPE	Pastel Orange / 2003	7.03A3.00101B-M	7.03A7.00100B-M	7.03A4.00101B-M	7.03A8.00100B-M
N TYPE	Pastel Green / 6019	7.03A3.00101C-N	7.03A7.00100C-N	7.03A4.00101C-N	7.03A8.00100C-N
Z TYPE	Water Blue / 5021	7.03A3.00101D-Z	7.03A7.00100D-Z	7.03A4.00101D-Z	7.03A8.00100D-Z

PN#	Items				
Code	7.03A9 Series Non-Waterproof (Male) Harness/Connector	7.03A5 Series Non-Waterproof (Female) Harness/Connector	7.03AE Series Waterproof (Female) Harness/Connector with Faterner	7.03AF Series Non-Waterproof (Female) Harness/Connector with Faterner	
A TYPE	Black / 9005	7.03A9.001010-A	7.03A5.001010-A	7.03AE.00120A	7.03AF.00120A
B TYPE	White / 9001	7.03A9.001011-B	7.03A5.001011-B	7.03AE.00120B	7.03AF.00120B
C TYPE	Blue / 5005	7.03A9.001012-C	7.03A5.001012-C	7.03AE.00120C	7.03AF.00120C
D TYPE	Bordeaux/4004	7.03A9.001013-D	7.03A5.001013-D	7.03AE.00120D	7.03AF.00120D
E TYPE	Green / 6002	7.03A9.001014-E	7.03A5.001014-E	7.03AE.00120E	7.03AF.00120E
F TYPE	Brown / 8011	7.03A9.001015-F	7.03A5.001015-F	7.03AE.00120F	7.03AF.00120F
G TYPE	Grey / 7031	7.03A9.001016-G	7.03A5.001016-G	7.03AE.00120G	7.03AF.00120G
H TYPE	Violet / 4003	7.03A9.001017-H	7.03A5.001017-H	7.03AE.00120H	7.03AF.00120H
I TYPE	Beige / 1001	7.03A9.001018-I	7.03A5.001018-I	7.03AE.00120I	7.03AF.00120I
K TYPE	Curry / 1027	7.03A9.001019-K	7.03A5.001019-K	7.03AE.00120K	7.03AF.00120K
L TYPE	Camine Red / 3002	7.03A9.00101A-L	7.03A5.00101A-L	7.03AE.00120L	7.03AF.00120L
M TYPE	Pastel Orange / 2003	7.03A9.00101B-M	7.03A5.00101B-M	7.03AE.00120M	7.03AF.00120M
N TYPE	Pastel Green / 6019	7.03A9.00101C-N	7.03A5.00101C-N	7.03AE.00120N	7.03AF.00120N
Z TYPE	Water Blue / 5021	7.03A9.00101D-Z	7.03A5.00101D-Z	7.03AE.00120Z	7.03AF.00120Z

## Type-C Connectors >

Dianwei self-developed Type-C connector products adhere to the USB Association's standards. They are now extensively utilized in Mobilephones, Laptops, Tablets, Powerbanks, Bluetooth Earphones, EV Vehicles, Drones, Smart Home Appliances, Cameras, Consumer Electronics, Robotics etc.

Items				
	<b>2.01AX Series</b> Single Row, SMT, 16Pin Female Connector (L=7.35mm)	<b>2.02A0 Series</b> Single Row, SMT, Clip 16Pin Female Connector (L=7.35mm)	<b>2.30A0 Series</b> Dual Row, SMT, Clip 24Pin Female Connector (L=9.87mm)	<b>2.31A0 Series</b> Dual Row, Dip+SMT, 24Pin Female Connector (L=7.9mm)
Operating Temperature	-40 ~ +85°C	-40 ~ +85°C	-40 ~ +85°C	-40 ~ +85°C
Rating Volt	48V/AC 1 minute	48V/AC 1 minute	48V/AC 1 minute	48V/AC 1 minute
Rating Current	12A	12A	5A	5A
Contact Resistance	40mΩ Max	40mΩ Max	40mΩ Max	40mΩ Max
Insulation Resistance	500M Min	500M Min	100M Min	100M Min
Durability	10000 Times Min	10000 Times Min	10000 Times Min	10000 Times Min

## Spring Contact >

Dianwei has produced a series of gold-plated spring contact as precision connecting components according to market demand. Widely used in electronic products such as Tablets, Phones, Smart Electronic Watches, Bluetooth Earphones, Robotics, Cameras etc.



## Customized Connectors >

Dianwei honored with the title of National High-Tech Enterprise in 2017 and currently boast over 30 patents for inventions and utility models. We offer comprehensive services from the innovative product development, metal and plastic mold design, automated production, mold component manufacturing to complete product assembly and delivery.



# DIANWEI

FFC/FPC & Fakra Connectors

Connecting the Future, Connecting the Intelligent World

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