

Omron FPC Connector Line-up

2013/2/13

Type	XF3C	XF3A	XF3H	XF3B	XF3E	XF2B	XF2U	XF2W	XF2M	XF2L-**25-1A	XF2L-**35-1A	XF2J-**-24-11A	XF2J-**-24-12A	Type
Shape														Shape
Lock Type	Back Lock	Back Lock	Front Lock	Back Lock	Back Lock	Back Lock	Back Lock	Back Lock	Back Lock	Slide Lock	Slide Lock	Slide Lock	Slide Lock	Lock Type
Size (mm)	(W) X 3.8D X 0.85H	(W) X 3.8D X 0.6H	(W) X 3.5D X 0.9H	(W) X 4.0D X 0.9H	(W) X 4.3D X 1.1H	(W) X 5.5D X 1.2H	(W) X 3.5D X 0.9H	(W) X 3.5D X 1.1H	(W) X 5.9D X 2.0H	(W) X 3.45D X 1.2H	(W) X 3.45D X 1.2H	(W) X 3.45D X 4.15H	(W) X 3.45D X 4.15H	Size (mm)
Contact Type	Dual	Upper	Lower	Dual	Dual	Dual	Dual	Dual	Dual	Upper	Lower	One Side	One Side	Contact Type
Pitch	0.25mm	0.3mm	0.3mm	0.3mm	0.3mm	0.3mm	0.5mm	0.5mm	0.5mm	0.5mm	0.5mm	0.5mm	0.5mm	Pitch
Applicable FPC Thickness	0.12mm	0.12mm	0.2mm	0.2mm	0.2mm	0.2mm	0.2mm	0.3mm	0.3mm	0.3mm	0.3mm	0.3mm	0.3mm	Applicable FPC Thickness
Housing Material	LCP resin	LCP resin	LCP resin	LCP resin	LCP resin	LCP resin	LCP resin	LCP resin	LCP resin	LCP resin	LCP resin	PA	PA	Housing Material
Contact Material (Finish)	Copper Alloy (Au plating)	Copper Alloy (Au plating)	Copper Alloy (Au plating)	Copper Alloy (Au plating)	Copper Alloy (Au plating)	Copper Alloy (Au plating)	Copper Alloy (Au plating)	Copper Alloy (Au plating)	Copper Alloy (Au plating)	Copper Alloy (Au plating)	Copper Alloy (Au plating)	Copper Alloy (Au plating)	Copper Alloy (Au plating)	Contact Material (Finish)
Operating Temperature Range	-30 - +85℃	-30 - +85℃	-30 - +85℃	-30 - +85℃	-30 - +85℃	-30 - +85℃	-30 - +85℃	-30 - +85℃	-30 - +85℃	-30 - +85℃	-30 - +85℃	-30 - +85℃	-30 - +85℃	Operating Temperature Range
Rating	0.2A	0.2A	0.2A	0.2A	0.3A	0.2A	0.5A	0.5A	0.5A	0.5A	0.5A	0.5A	0.5A	Rating
Contact Resistance	Max 80mΩ	Max 80mΩ	Max 80mΩ	Max 80mΩ	Max 80mΩ	Max 50mΩ	Max 60mΩ	Max 60mΩ	Max 50mΩ	Max 30mΩ	Max 30mΩ	Max 30mΩ	Max 30mΩ	Contact Resistance
RoHS compliance	Done	Done	Done	Done	Done	Done	Done	Done	Done	Done	Done	Done	Done	RoHS compliance
Operation Life (Insert time)	20	10	20	20	20	20	20	20	20	20	20	30	30	Operation Life (Insert time)
For FFC								○	○					For FFC
Packaging Type	Embossed Tape	Embossed Tape	Embossed Tape	Embossed Tape	Embossed Tape	Embossed Tape	Embossed Tape	Embossed Tape	Embossed Tape	Embossed Tape	Embossed Tape	Embossed Tape	Embossed Tape	Packaging Type
Packaging	2,000 pcs/reel	4,000 pcs/reel	3,000 pcs/reel	* 2,000 pcs/reel	1,500 pcs/reel	1,500 pcs/reel	3,000 pcs/reel	2,000 pcs/reel 100 pcs/reel	1,500 pcs/reel 100 pcs/reel	3,000 pcs/reel	3,000 pcs/reel	1,000 pcs/reel	1,000 pcs/reel	Packaging
Country Origin	China/Japan	China/Japan	China/Japan	China/Japan	China/Japan	China/Japan	China/Japan	China/Japan	China/Japan	China/Japan	China/Japan	China/Japan	China/Japan	Country Origin
Application Example	LCD, Camera, Switch module	LCD, Camera, Switch module	LCD, Camera, Switch module	LCD, Camera, Switch module	Board, Hini connection	LCD, Camera, Switch module	LCD, Camera, Switch module	LCD, Camera, Switch module, Board	LCD module, Board	LCD module, Board		Camera, Battery, module, Board		Application Example
Pin Variation														Pin Variation
1														1
2														2
3														3
4							Available	Available		Available				4
5								Available			Available			5
6							Available	Available	Available	Available	Available	Available	Available	6
7								Available		Available	Available			7
8		Available		Available			Available	Available	Available	Available	Available	Available	Available	8
9								Available		Available				9
10							Available	Available	Available	Available	Available	Available	Available	10
11							Available							11
12		Available							Available	Available	Available	Available	Available	12
13			Available						Available	Available	Available	Available	Available	13
14							Available	Available	Available			Available		14
15											Available			15
16								Available				Available	Available	16
17	Available	Available				Available								17
18							Available	Available	Available	Available	Available	Available	Available	18
19	Available			Available				Available	Available		Available			19
20							Available	Available	Available	Available	Available	Available	Available	20
21						Available				Available				21
22									Available		Available	Available	Available	22
23	Available	Available				Available								23
24						Available	Available	Available	Available		Available	Available	Available	24
25	Available	Available	Available	Available		Available								25
26									Available	Available		Available		26
27						Available	Available							27
28												Available		28
29														29
30							Available		Available	Available	Available	Available		30
31			Available			Available ※4								31
32						Available			Available					32
33						Available ※4			Available					33
34									Available					34
35	Available		Available	Available		Available			Available					35
36									Available					36
37														37
38									Available					38
39			Available			Available								39
40						Available	Available	Available Soon	Available				Available	40
41						Available								41
42									Available					42
43														43
44														44
45	Available		Available			Available ※4		Available ※3	Available					45
46														46
47														47
48														48
49														49
50								Available ※3	Available					50
51	Available	Available	Available	Available ※5		Available								51
52														52
53														53
54									Available Soon					54
55								Available ※3	Available ※2					55
56														56
57			Available											57
58														58
59	Available													59
60								Available ※3	Available ※2					60
61			Available			Available ※1								61
62														62
63														63
64								Available ※3						64
65														65
66														66
67				Available ※5										67
68-89														68-89
90					Available									90

※1 : Upper contact

※3: (W) × 4.1D ※2: (W) × 6.2D × 2.1H

※4 : We have a limit to capacity so please provide your forecast

※5 : (W) × 4.5D × 0.9H

*1500pcs/reel

(51, 67pin only)