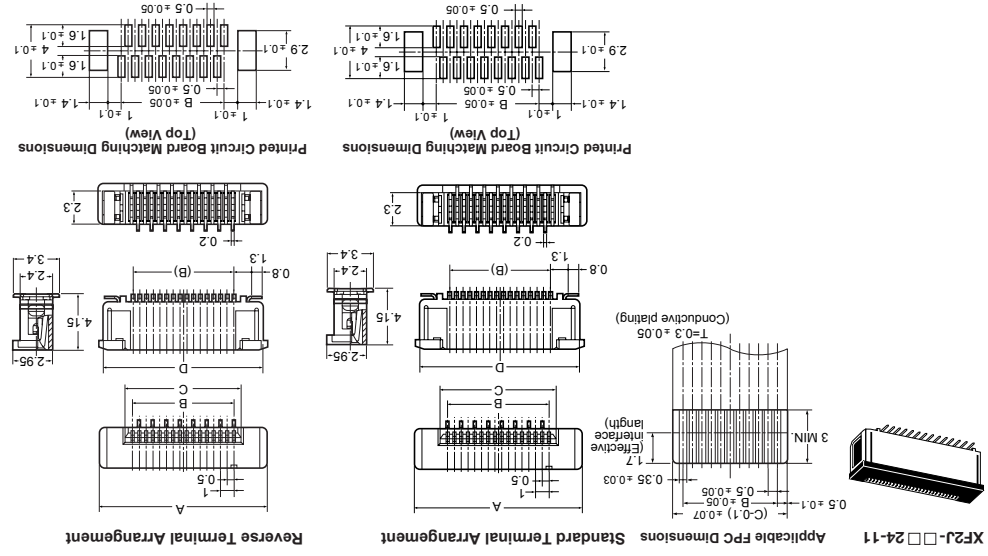


0.5 mm Pitch - ZIF Slide Type - XF2J

■ Dimensions



■ Table of Dimensions

Poles	Standard Terminal Arrangement		Reverse Terminal Arrangement		Model	A	B	C	D
	Model	Standard Terminal Arrangement	Reverse Terminal Arrangement	Model					
6	XF2J-0624-11□	7.5	2.5	3.6	XF2J-0624-12□	7.5	2.5	3.6	6.9
8	XF2J-0824-11□	8.5	3.5	4.6	XF2J-0824-12□	8.5	3.5	4.6	7.9
10	XF2J-1024-11□	9.5	4.5	5.6	XF2J-1024-12□	9.5	4.5	5.6	8.9
12	XF2J-1224-11□	10.5	5.5	6.6	XF2J-1224-12□	10.5	5.5	6.6	9.9
14	XF2J-1424-11□	-	-	-	XF2J-1424-12□	11.5	6.5	7.6	10.9
16	XF2J-1624-11□	12.5	7.5	8.6	XF2J-1624-12□	12.5	7.5	8.6	11.9
18	XF2J-1824-11□	13.5	8.5	9.6	XF2J-1824-12□	13.5	8.5	9.6	12.9
20	XF2J-2024-11□	14.5	9.5	10.6	XF2J-2024-12□	14.5	9.5	10.6	13.9
22	XF2J-2224-11□	15.5	10.5	11.6	XF2J-2224-12□	15.5	10.5	11.6	14.9
24	XF2J-2424-11□	16.5	11.5	12.6	XF2J-2424-12□	16.5	11.5	12.6	15.9
26	XF2J-2624-11□	-	-	-	XF2J-2624-12□	17.5	12.5	13.6	16.9
28	XF2J-2824-11□	-	-	-	XF2J-2824-12□	18.5	13.5	14.6	17.9
30	XF2J-3024-11□	-	-	-	XF2J-3024-12□	19.5	14.5	15.6	18.9
40	-	-	-	-	XF2J-4024-12□	25.1	19.5	20.6	24.3

ALL DIMENSIONS SHOWN ARE IN MILLIMETRES. To convert millimetres into inches, multiply by 0.03937. To convert grams into ounces, multiply by 0.03527.

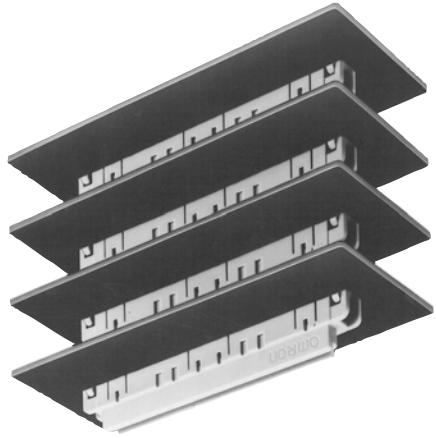
1065

CAT NO. G912-E2-02

Half-pitch Fine-fit and Stacking Connectors - XH3

Half-pitch Fine-fit Connectors Achieve High-density Mounting without Soldering

- Solderless connection eliminates soldering and washing processes.
- Multi-level stacking conserves board space. Requires half the space of conventional DIN connectors (OMRON's XC5B).
- At a stacking height of 16.8 mm, the XH3 can be stacked together with DIN connectors.
- Mates with conventional XH3-series Half-pitch Connectors.
- Allows press fitting using commercial tools.



Specifications

Rated current	0.5 A
Rated voltage	125 VAC
Contact resistance (See note)	40 mΩ max. (at 20 mV, 100 mA max.)
Insulation resistance	1,000 MΩ min. (at 500 VDC)
Dielectric strength	650 VAC for 1 min. (leakage current: 1 mA max.)
Connector insertion force	0.78 N max. per contact
Connector removal force	0.05 N min. per contact
Insertion tolerance	50 times
Ambient temperature	Operating: -55 to 105°C (with no icing)

Note: The contact resistance is for the XH3B-013-D32 combined with the XH3B-013P-D5F (with the XH3B-013-D32 terminal used as the plug).

■ Materials and Finish

Connector	Housing		Contacts		Backplane connector housing/short terminal connector rear cover
	Locator	Socket	Short terminal	Backplane terminal	
PBT resin with glass (UL94V-0)/grey	Polyester elastomer (UL94V-0)/black	Copper alloy/nickel base, 0.15-mm gold plating	Copper alloy/nickel base, gold flash plating	Copper alloy/nickel base, 0.15-mm gold plating	PBT resin with glass (UL94V-0)/grey

■ Applicable Fine-fit PCBs

PCB thickness	Through holes		PCB materials
	Finished diameter	Plating specifications	
1.6 mm	0.5±0.05 mm diameter (drill bit diameter 0.55±0.05 mm)	5 μm min. solder with 25 μm min. copper base	Glass-epoxy board

Connectors

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