JST

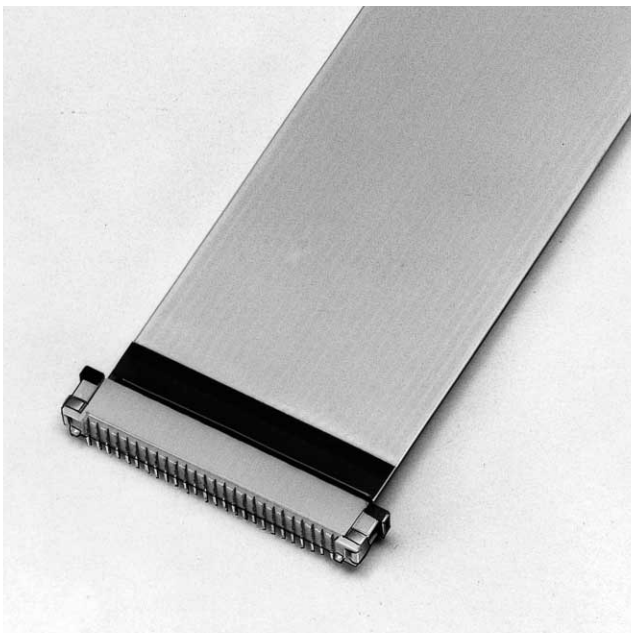
1.0mm pitch

FAZ CONNECTOR

Emboss Tape

ZIF TYPE

Connectors for FFC



The FAZ series Zero Insertion Force (ZIF) connector has been developed as an SMT version of the existing FMZ connector.

Features

• Zero insertion force mechanism (ZIF)

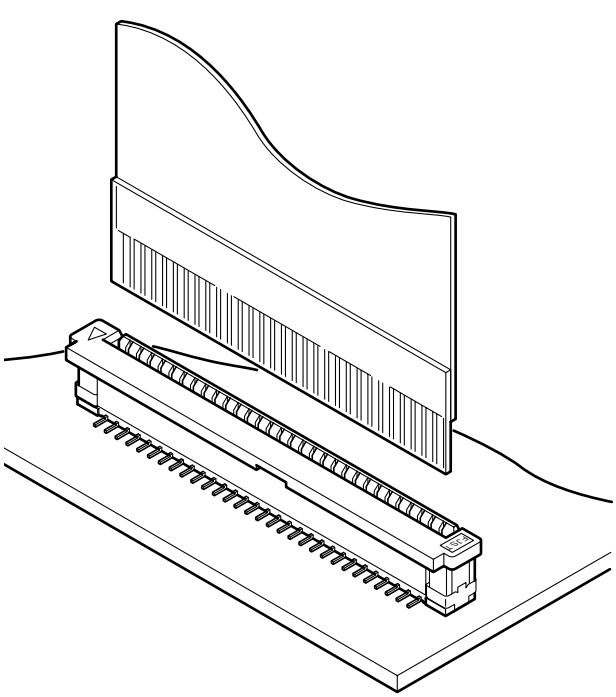
A ZIF mechanism improves wear resistance and extends the mating life of the connector. By moving the slider into its locking position after the FFC has been inserted into the connector, the FFC leads are securely locked in place.

• SMT configuration

Due to its small pitch and its ability to be surface mounted, this connector meets today's demand for high-density packaging. Top entry and side entry versions are available. Top entry is available with either an in-line or a staggered solder tail footprint whilst the side entry version is available with FFC contact points on either the upper or lower sides.

• Embossed taping for automatic mounting

This connector is supplied in embossed tape packaging, for mounting by automatic placement machines.



Specifications

- Current rating: 1.0A , AC, DC
- Voltage rating: 50V AC, DC
- Temperature range: -25˚C to +85˚C
  (including temperature rise in applying electrical current)
- Contact resistance: Initial value/20m Ω max.
  After environmental testing/40m Ω max.
- Insulation resistance: 500M Ω min.
- Withstanding voltage: 500V AC/minute
- Applicable FFC: Conductor pitch/1.0mm
  Conductor width/0.7mm
  Mating part thickness/0.30±0.05mm

<Note>FFC to be actually used should be checked for applicability.

* RoHS compliant products are published.

* Refer to "General Instruction and Notice when using Terminals and Connectors" at the end of this catalog.

* Contact JST for details.

Standards

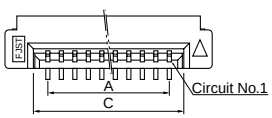
Recognized E60389

Certified LR20812

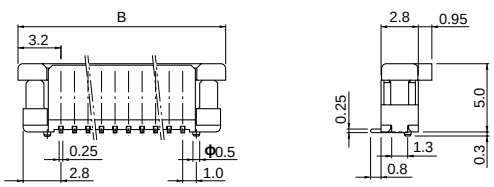
Connector

Top entry type

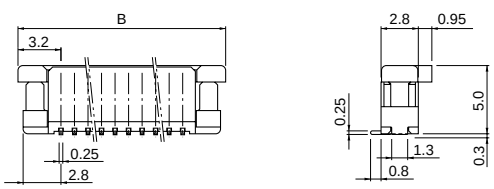
<In-line, Normal type>



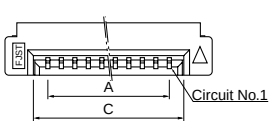
With bosses



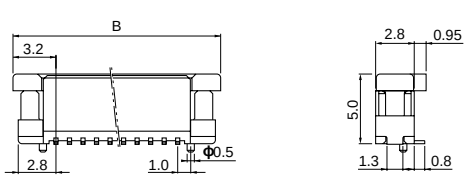
Without bosses



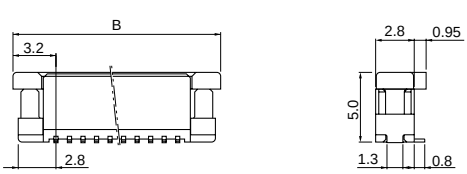
<In-line, Reverse type>



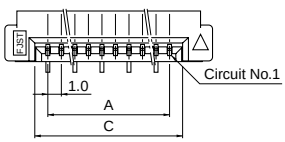
With bosses

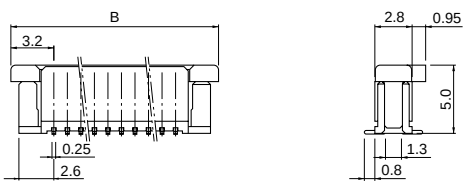


Without bosses



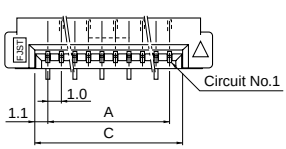
<Staggered, Normal type>

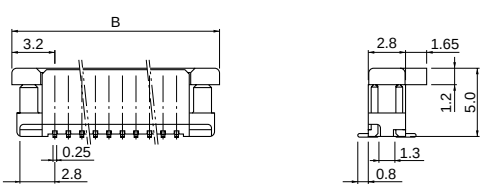




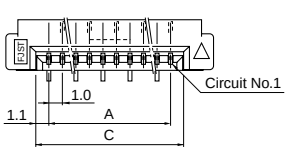
<Staggered, Large slider type>

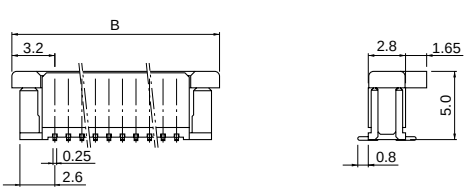
With solder tab





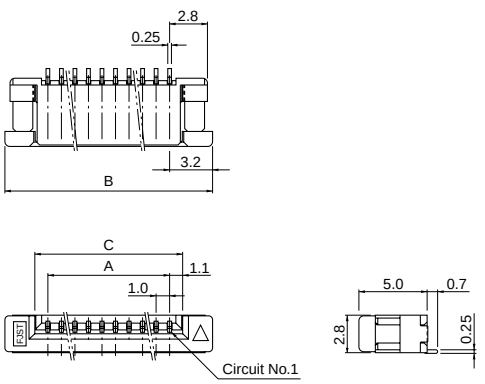
Without solder tab



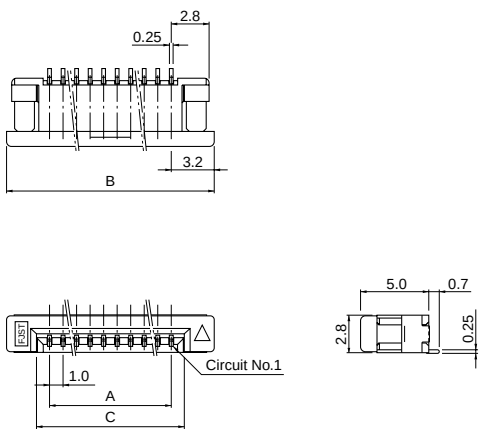


Side entry type

<In-line, Normal type>



<In-line, Reverse type>

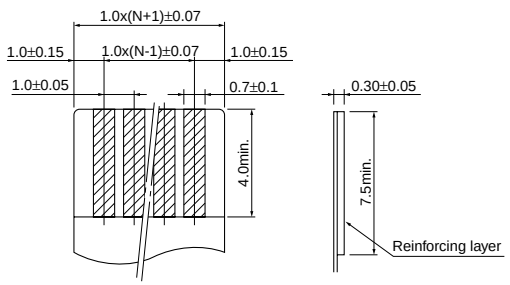


Circuits	Model No.									Dimensions (mm)			Q'ty / reel	
	Top entry type							Side entry type						
	In-line				Staggered			In-line		A	B	C	Top entry type	Side entry type
	Normal type		Reverse type		Normal type	Large slider type		Normal type	Reverse type					
	With bosses	Without bosses	With bosses	Without bosses		With solder tab	Without solder tab							
8	–	–	–	–	–	–	–	S08FAZ-SM-TB	S08FAZ-RSM-TB	7.0	13.4	9.2	–	2,000
9	–	–	–	–	T09FAZ-SMT-TF	–	–	S09FAZ-SM-TB	–	8.0	14.4	10.2	1,000	2,000
11	–	–	–	–	–	–	–	S11FAZ-SM-TB	S11FAZ-RSM-TB	10.0	16.4	12.2	–	2,000
16	–	–	–	–	–	–	–	S16FAZ-SM-TB	S16FAZ-RSM-TB	15.0	21.4	17.2	–	2,000
20	–	–	–	–	T20FAZ-SMT-TF	–	–	S20FAZ-SM-TB	S20FAZ-RSM-TB	19.0	25.4	21.2	1,000	2,000
22	–	–	–	–	T22FAZ-SMT-TF	T22FAZ-SMT-F-TF	T22FAZ-SMT-NF-TF	–	S22FAZ-RSM-TB	21.0	27.4	23.2	1,000	2,000
24	–	–	–	–	T24FAZ-SMT-TF	–	–	–	–	23.0	29.4	25.2	1,000	–
25	–	–	–	–	–	–	–	S25FAZ-SM-TB	–	24.0	30.4	26.2	–	2,000
26	T26FAZ-SM-1-TB	T26FAZ-SM-TB	T26FAZ-RSM-1-TF	T26FAZ-RSM-TF	T26FAZ-SMT-TF	T26FAZ-SMT-F-TF	T26FAZ-SMT-NF-TF	S26FAZ-SM-TB	S26FAZ-RSM-TB	25.0	31.4	27.2	1,000	2,000

Material and Finish
Contact: Phosphor bronze, copper-undercoated, tin-plated (reflow treatment) Receptacle housing: PA 6T, UL94V-0, ivory (natural) Slider housing: PPS, UL94V-0, brown (natural) Solder tab: Phosphor bronze, copper-undercoated, tin-plated (reflow treatment)

RoHS compliance *This product displays (LF)(SN) on a label.*
Note: The products listed above are supplied on embossed tape.

Lead section dimensions of FFC



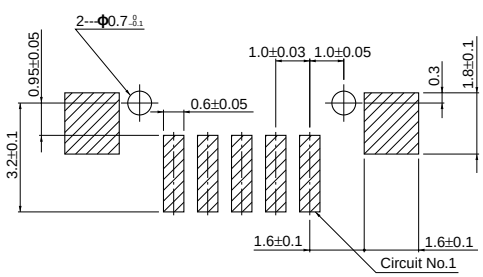
Note: N --- Number of circuits

PC board layout (viewed from component side)

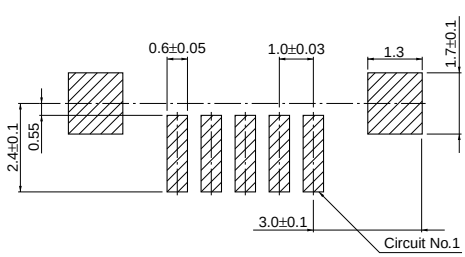
Top entry type

<In-line, Normal type>

With bosses

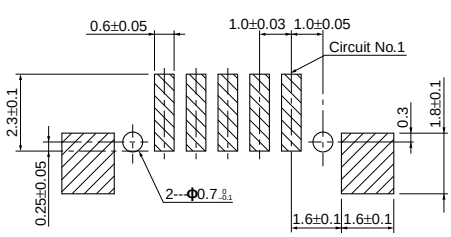


Without bosses

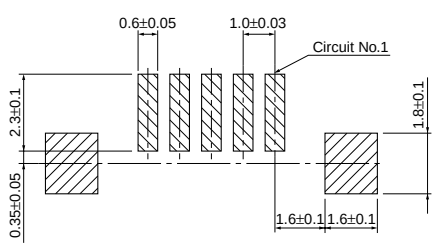


<In-line, Reverse type>

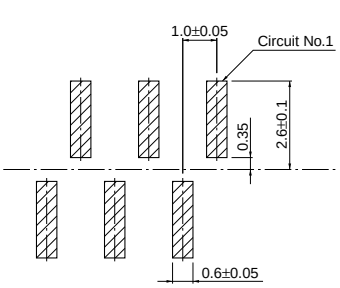
With bosses



Without bosses

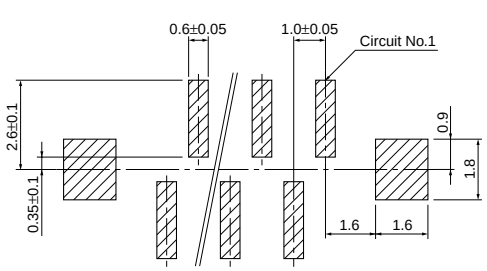


<Staggered, Normal type>

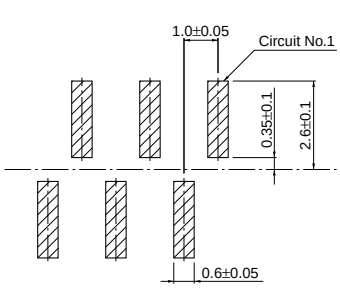


<Staggered, Large slider type>

With solder tab



Without solder tab

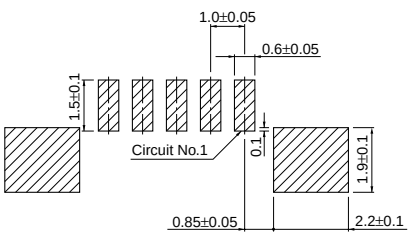


Note:
1. Tolerances are non-cumulative: ±0.03mm for all centers.
2. The dimensions above should serve as a guideline. Contact JST for details.

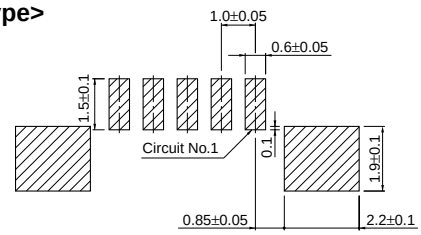
PC board layout (viewed from component side)

Side entry type

<Normal type>



<Reverse type>

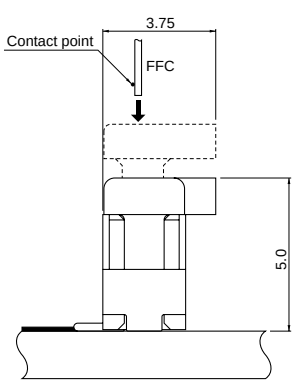


Note:
1. Tolerances are non-cumulative: ±0.05mm for all centers.
2. The dimensions above should serve as a guideline. Contact JST for details.

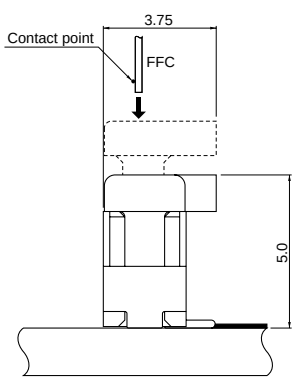
Assembly layout

Top entry type

<In-line, Normal type>



<In-line, Reverse type>



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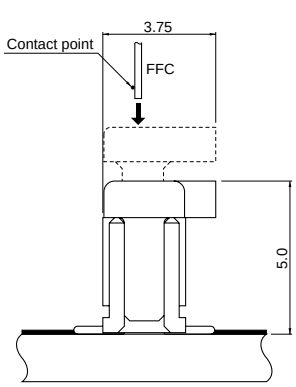
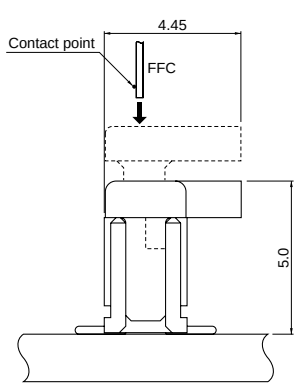


<Staggered, Large slider type>



Side entry type