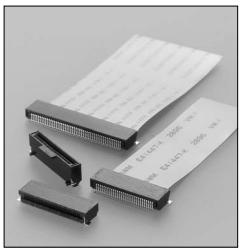
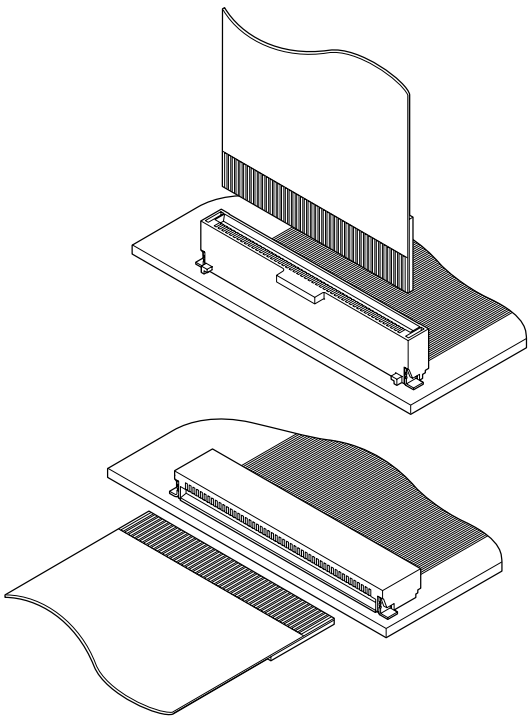


FY CONNECTOR

0.5mm pitch/Connectors for FFC

Emboss Tape

NON-ZIF TYPE



0.5mm pitch non-ZIF snap-in type FFC connector.

- ***Heat resisting design suitable for surface mounting***
- ***One-sided contact construction***
- ***Solder tabs***
- ***Embossed tape for automatic mounting***

Specifications

- Current rating: 0.3A AC, DC
- Voltage rating: 30V AC, DC
- Temperature range: -25˚C to +85˚C
  (including temperature rise in applying electrical current)
- Contact resistance: Initial value/50m Ω max.
  After environmental testing/70m Ω max.
- Insulation resistance: 100M Ω min.
- Withstanding voltage: 200V AC/minute
- Applicable FFC: Conductor pitch/0.5mm
  Conductor width/0.3mm
  Mating part thickness/0.3±0.03mm

* Compliant with RoHS.
* Refer to "General Instruction and Notice when using Terminals and Connectors" at the end of this catalog.
* Contact JST for details.

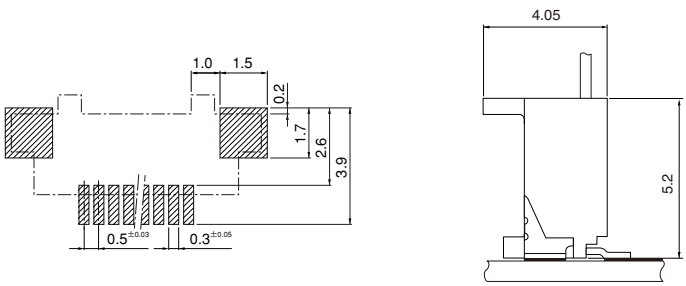
Standards

Recognized E60389

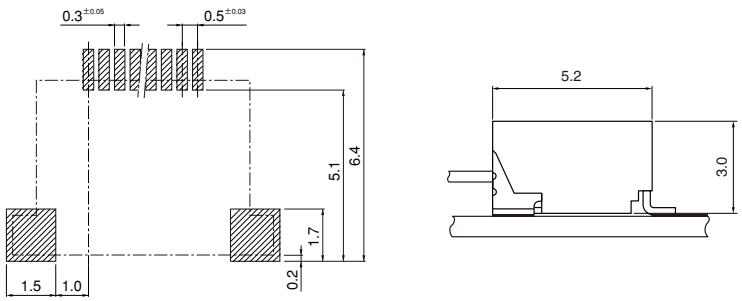
Certified LR20812

PC board layout (viewed from component side) and Assembly layout

Top entry type



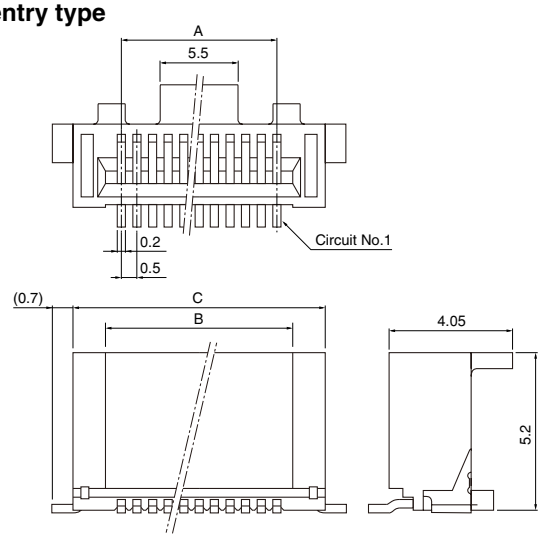
Side entry type



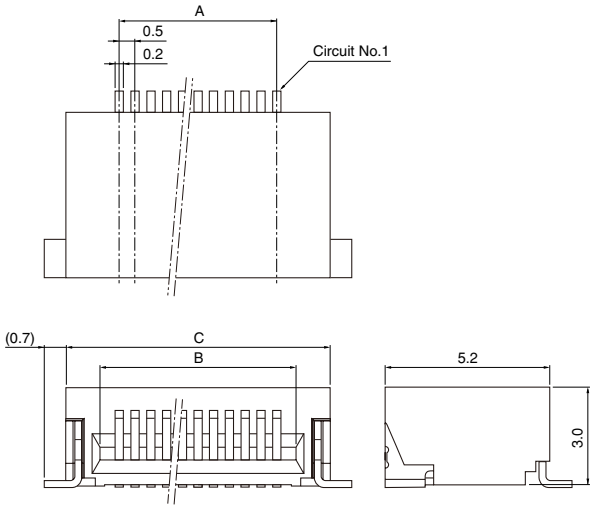
Note: 1. Tolerances are non-cumulative: ±0.03mm for all centers.
2. The dimensions above should serve as a guideline. Contact JST for details.

Connector

Top entry type



Side entry type

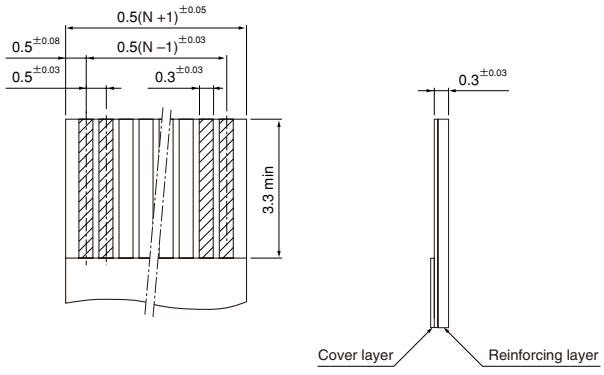


Circuits	Model No.		Dimensions (mm)			Q'ty / reel	
	Top entry type	Side entry type	A	B	C	Top entry type	Side entry type
30	**30FY-BMT-TB**	**30FY-SMT-TF**	14.5	15.5	17.7	1,250	2,000
40	**40FY-BMT-TB**	**40FY-SMT-TF**	19.5	20.5	22.7	1,250	2,000
50	**50FY-BMT-TB**	**50FY-SMT-TF**	24.5	25.5	27.7	1,250	2,000

Material and Finish
Contact: Phosphor bronze, copper-undercoated, tin-plated (reflow treatment) Housing: PPS, UL94V-0 Solder tab: Brass, copper-undercoated, tin-plated (reflow treatment)

RoHS compliance *This product displays (LF)(SN) on a label.*

Lead section dimensions of FFC



Note: N --- Number of circuits