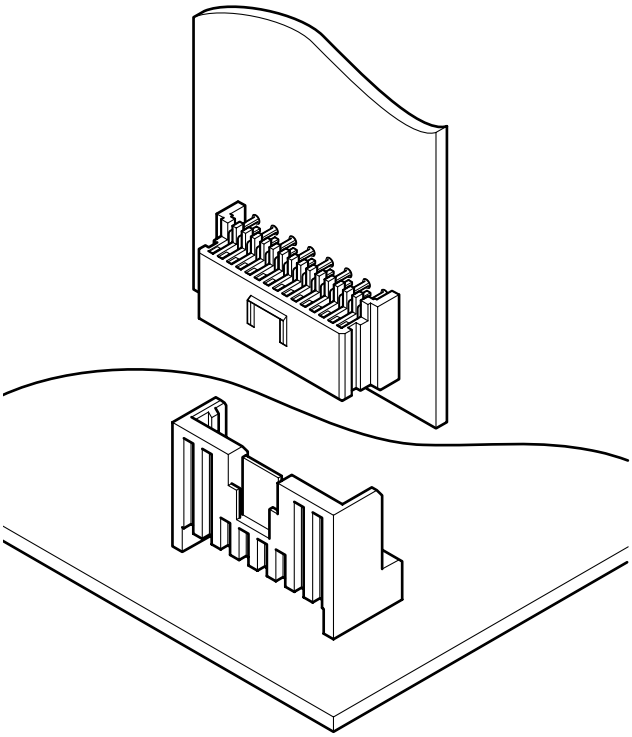
JST

1.25mm
(.049") pitch

JET CONNECTOR

Self-supporting style Board-to-board Connectors

Self-supporting style board to board connectors. Both plugs and receptacles are supplied radial-tape mounted (conforming to JIS C 0805 tape specification) , which can be mounted by versatile, radial component pick and place machines. Automatic mounting is possible up to 15 circuits.



Features

• Good connection is assured even after severe shock & vibration

Because of their construction, even severe shocks and long periods of vibration will not cause circuit interruption. Both secure lock and friction lock connectors are available.

• Correct and secure mating

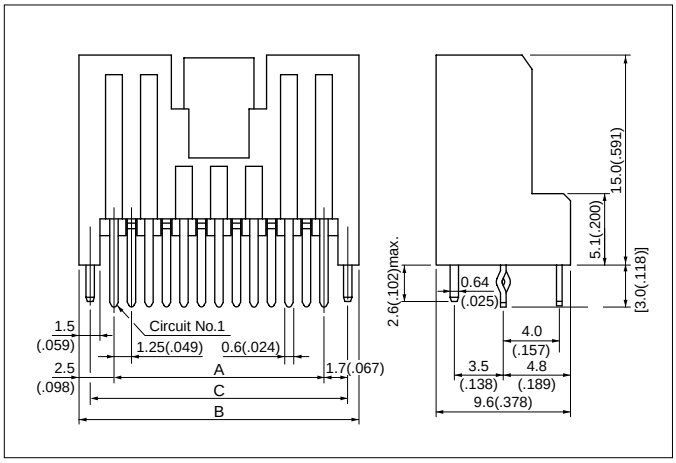
The connector halves can be easily mated, yet have a high retention force because of the housing lock mechanism.

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/30m Ω max.
  After environmental testing/40m Ω max.
- Insulation resistance: 500M Ω min.
- Withstanding voltage: 500V AC/minute
- Applicable PC board thickness: 1.6mm(.063")

* Contact JST for details.

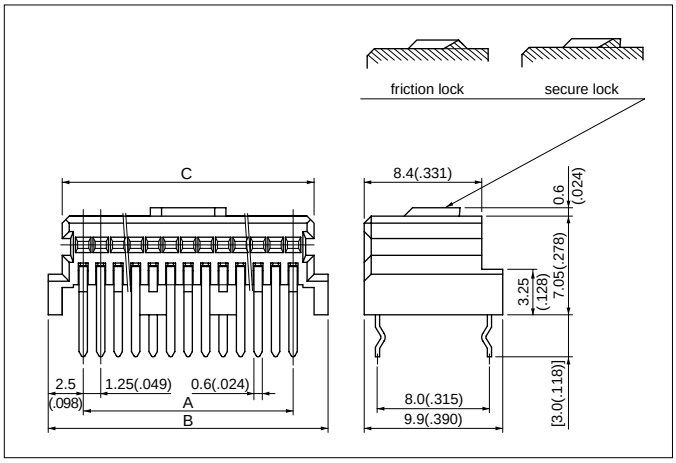
Plug



Circuits	Model No.	Dimensions mm(in.)			Q'ty / box
		A	B	C	
9	**09P-JET**	10.0(.394)	15.0(.591)	13.4(.528)	280
15	**15P-JET**	17.5(.689)	22.5(.886)	20.9(.823)	168

Material and Finish
Contact: Brass, copper-undercoated, tin/lead-plated Housing: Glass-filled nylon 66, UL94V-0

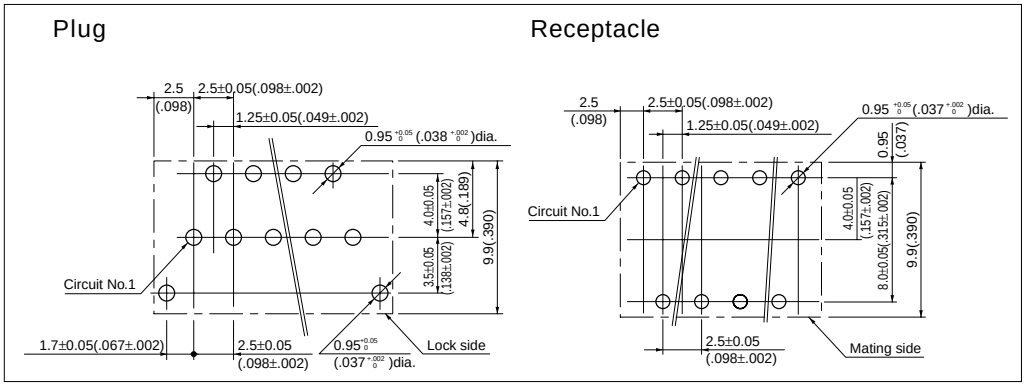
Receptacle

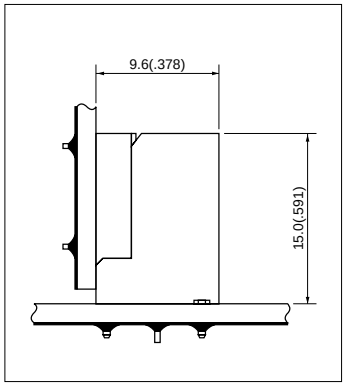


Circuits	Model No.		Dimensions mm(in.)			Q'ty / box
	friction lock type	secure lock type	A	B	C	
9	**09R-JET-F**	**09R-JET-P**	10.0(.394)	15.0(.591)	13.0(.512)	420
15	**15R-JET-F**	**15R-JET-P**	17.5(.689)	22.5(.886)	20.5(.807)	392

Material and Finish
Contact: Phosphor bronze, copper-undercoated, tin/lead-plated Housing: Glass-filled nylon 66, UL94V-0

PC board layout *(viewed from component side)* ——— Assembly layout ———





Note:

1. Tolerances are non-cumulative: ±0.05mm(±.002") for all centers.

2. Hole dimensions differ according to the kind of PC board and piercing method. The dimensions above should serve as a guideline. Contact JST for details.