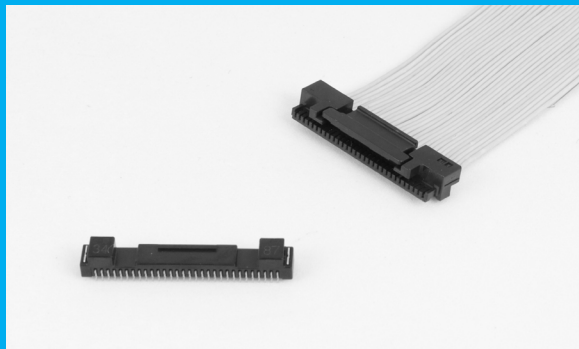


# FJC SERIES

## 0.75mm PITCH CONNECTOR FOR CRIMPING CABLE

**RoHS**  
Compliant



### FEATURES

- ▶ Reliable mating and connection with click feeling and locking mechanism at connector center.
- ▶ Provided finger pushing area at connector ends for excellent workability when inserting.
- ▶ 30pin is available.  
\* Please contact your local KEL sales office for other pin counts.
- ▶ Sandwiched two-point contact structure prevents contact buckling with reliable connection and stable contact force.
- ▶ PCB side connector is a right angle type.
- ▶ Low profile design with 4.2 mm connector height.

### ORDER CODE

## FJC01 - 30

①

②

\*Please order in multiples of the quantity per package.

① **[Type]** FJC01 : Receptacle (Cable side connector)

② **[Number of contacts]** 30 : 30pin

\*Please contact your local KEL sales office for other pin count.

### ORDER CODE

## FJC11 - 30 L

①

②

③

\*Please order in multiples of the quantity per package.

① **[Type]** FJC11 : Plug (PCB side connector)

② **[Number of contacts]** 30 : 30pin

③ **[Contact tail style]** L : Right angle

\*Please contact your local KEL sales office for other pin count.

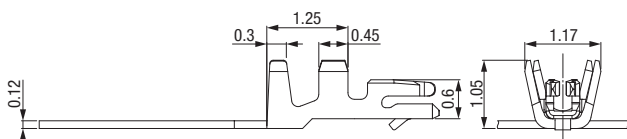
### SPECIFICATIONS

Material and plating		Electrical characteristics	
Insulator material	[FJC01] Glass-filled PBT (UL94V-0), Black	Current rating	1A per contact
	[FJC11] Glass-filled 9T Nylon (UL94V-0), Black	Contact resistance	50mΩ max.
Contact material	Copper alloy	Dielectric withstanding voltage	200V AC for 1 minute.
Contact plating	[FJC01] (Contact area) Gold over Nickel (Crimping area) Gold over Nickel	Insulation resistance	100MΩ min. at 250V DC
	[FJC11] (Contact area) Gold over Nickel (Terminal area) Gold over Nickel	Operating temperature	-40°C to +85°C
Retention clip material	Copper alloy	Durability of insertion and withdrawal	100 times
Retention clip plating	Tin over Nickel	Applicable cable	#28/30 AWG Discrete wire cable (outer diameter of cable coating : φ0.5 to φ0.6mm)

### Crimp contact

Unit : mm

#### ◆ Crimp contact for FJC01-30 Receptacle (Cable side connector)



#### ▶ Product table

Part number	Number of packaging	Packaging style
#617	15,000	Reel

### ORDER CODE

## #617

①

\*Please order in multiples of the quantity per package.

① **[Contact]** #617 : Crimping type contact for FJC01

### Assembly Tool

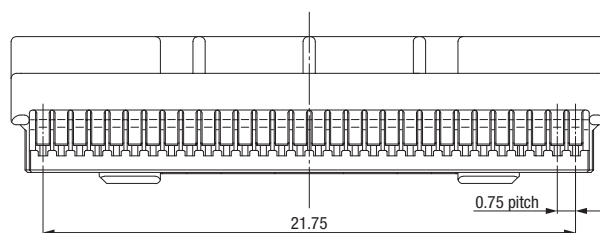
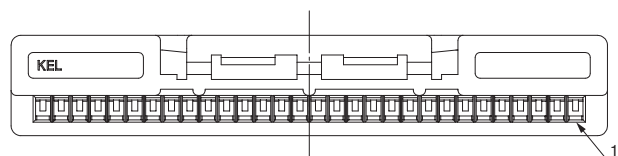
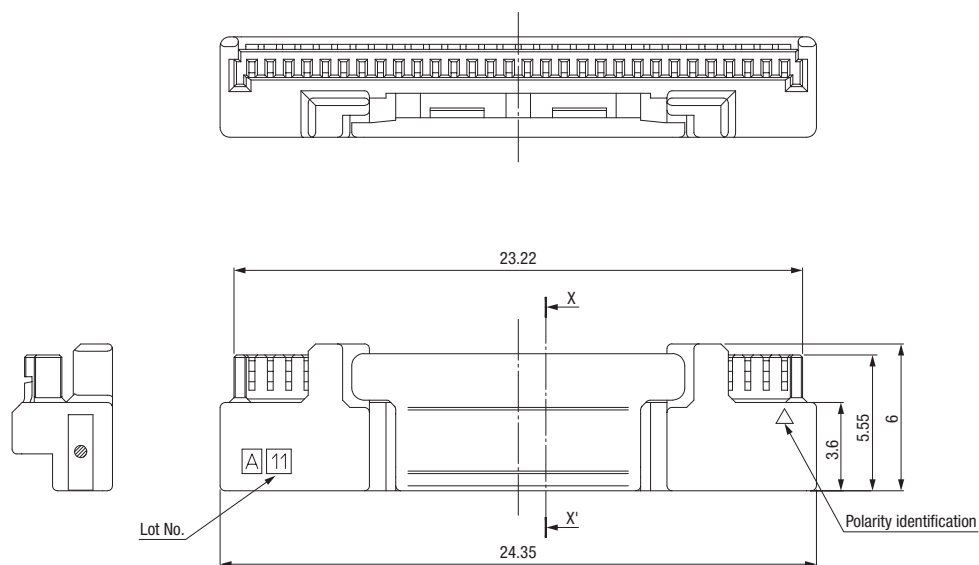
#### ◆ Crimping machine

Crimp contact	#617	Crimping machine	LPC220S
Manufacture	Japan Automatic Machine Co., Ltd	Applicator	EFX040900K

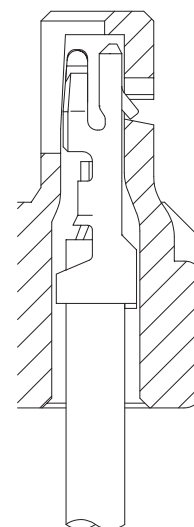
\*A crimping machine and applicator are available for purchase from Japan Automatic Machine Co., Ltd.

# FJC01-30 (Receptacle, Cable side connector)

Unit : mm



**X-X' Cross Section  
(With the contact inserted)**



## Product table

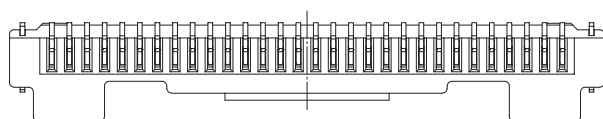
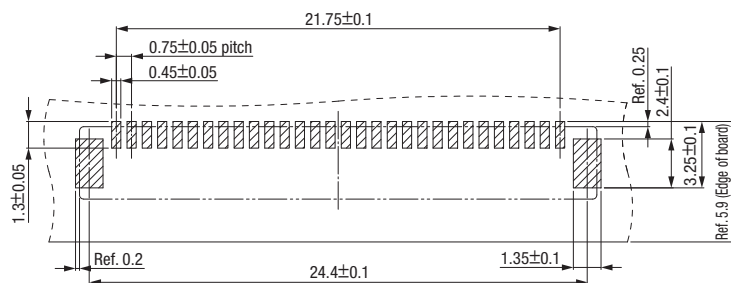
Part number	No. of packaging
FJC01-30	500

Packaging style  
Other

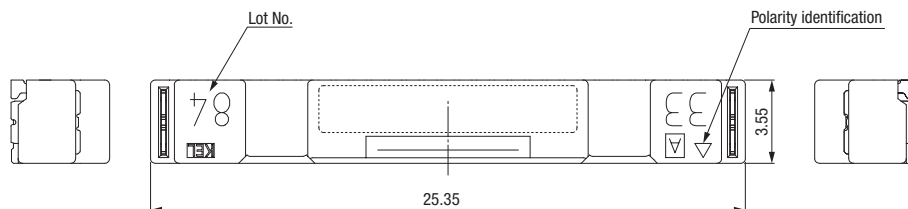
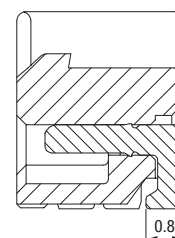
# FJC11-30L (Plug, PCB side connector)

Unit : mm

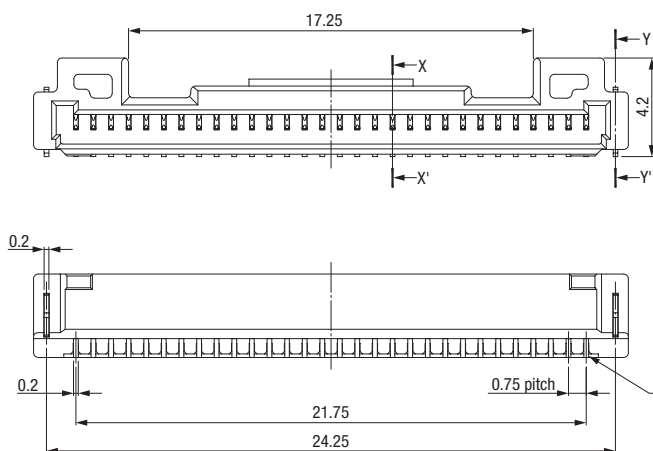
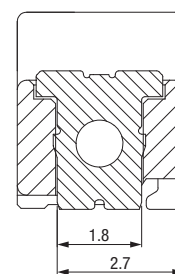
## Printed Circuit Board Layout (Component Side View)



## X-X' Cross Section



## Y-Y' Cross Section



## Product table

Part number	No. of packaging
FJC11-30L	2,000

Packaging style  
Embossed tape