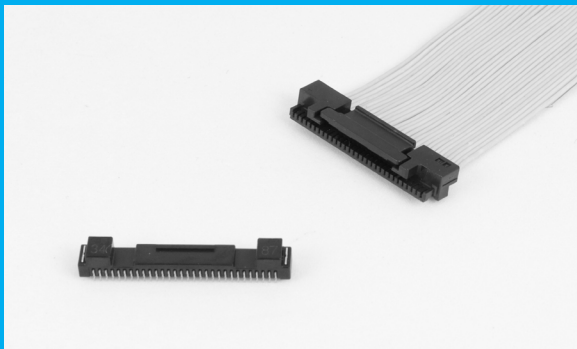


FJC SERIES

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.

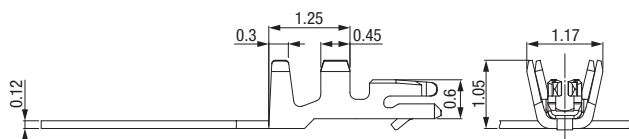
SPECIFICATIONS

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
		Operating temperature	-40°C to +85°C
	[FJC11] (Contact area) Gold over Nickel (Terminal area) Gold over Nickel	Durability of insertion and withdrawal	100 times
Retention clip material	Copper alloy	Applicable cable	#28/30 AWG Discrete wire cable (outer diameter of cable coating : φ0.5 to φ0.6mm)
Retention clip plating	Tin over Nickel		

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

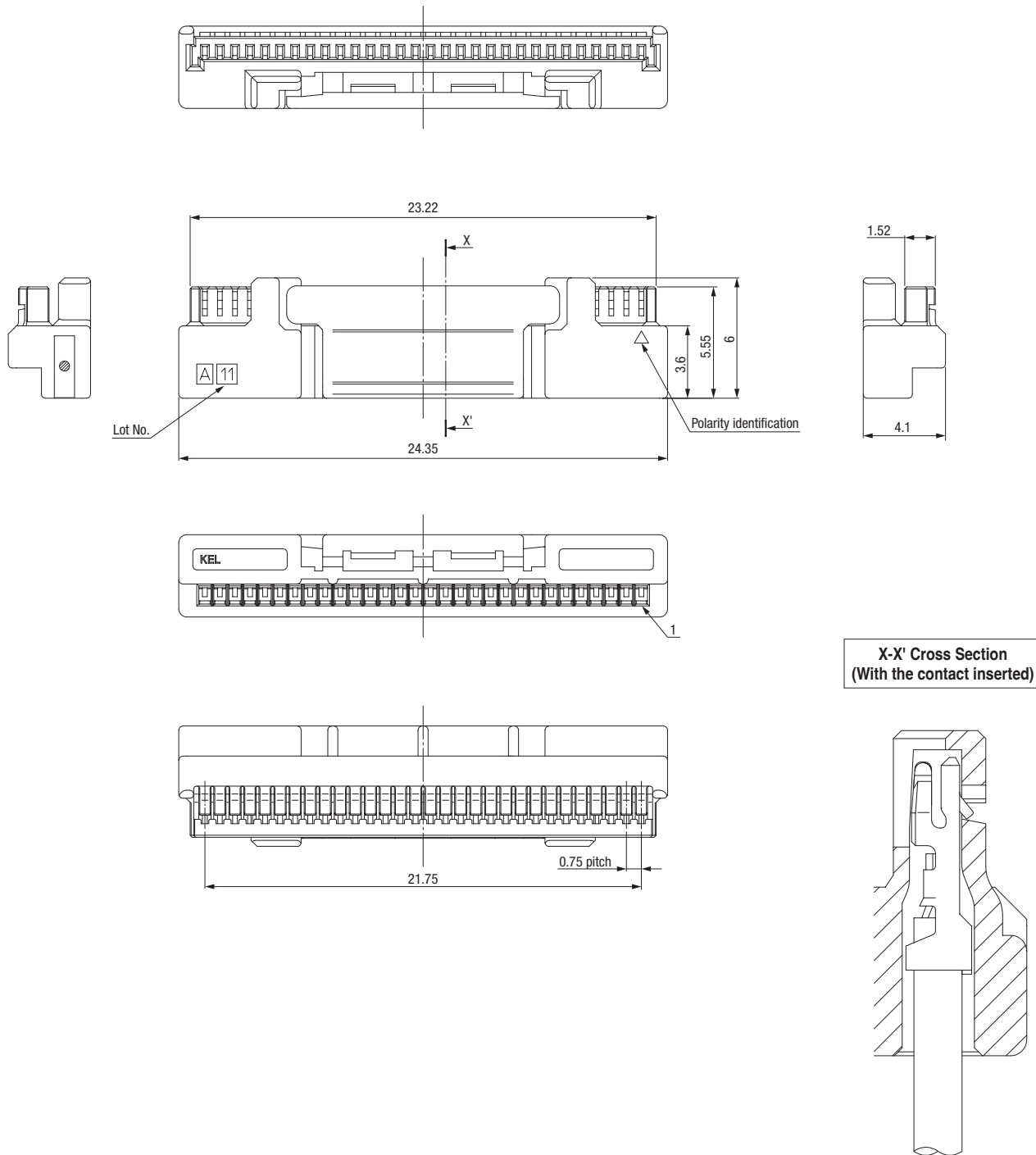
◆ Crimping machine

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



Product table

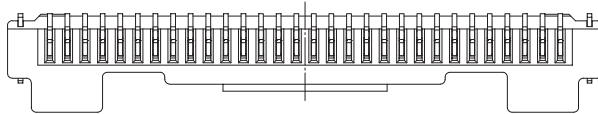
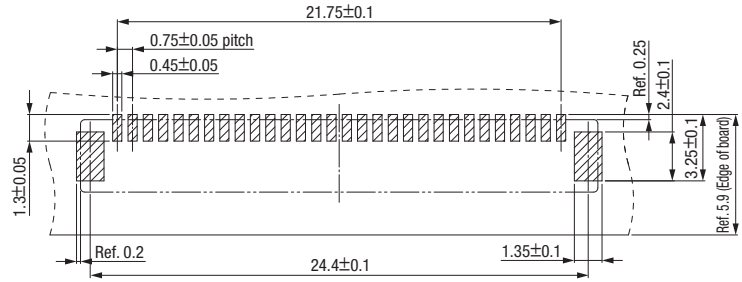
Part number	No. of packaging
FJC01-30	500

Packaging style
Other

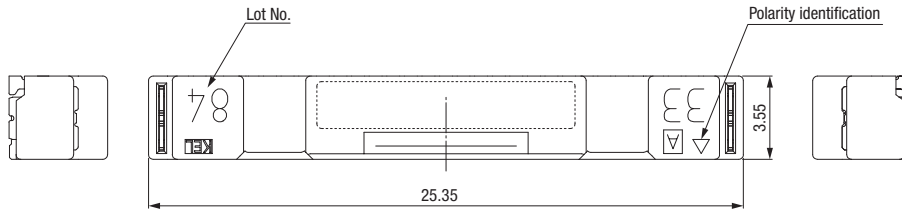
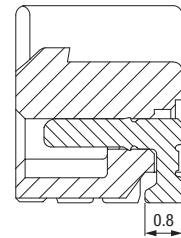
FJC11-30L (Plug, PCB side connector)

Unit : mm

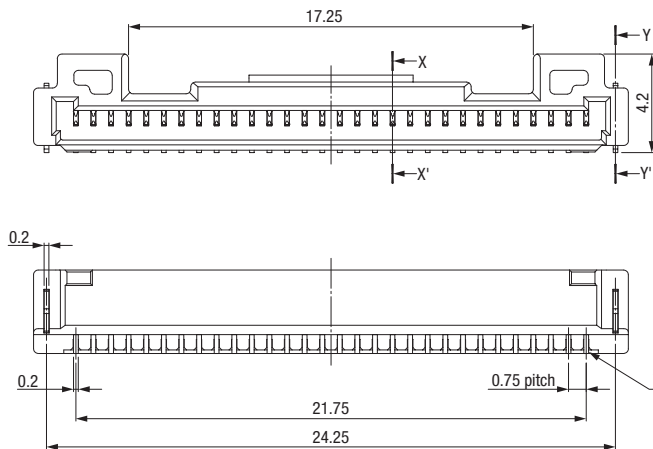
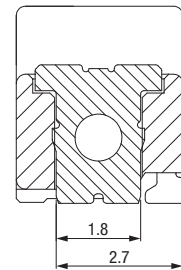
Printed Circuit Board Layout (Component Side View)



X-X' Cross Section



Y-Y' Cross Section



Product table

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

Packaging style
Embossed tape