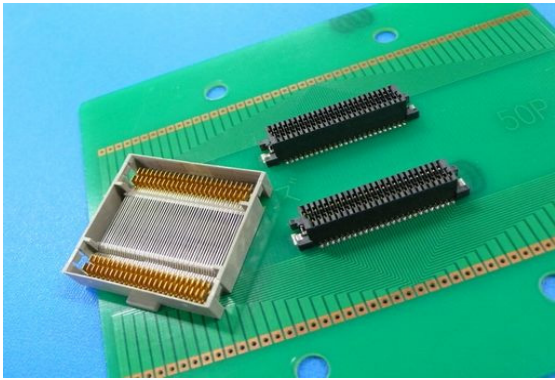


# 377Series

Board-to-Board | Horizontal (Bridge) | 0.5mm-Pitch Connector



## Product Feature

### 1. 0.5mm-pitch horizontal (bridge type) board to board connector:

It is board to board connector of the best three piece type for the narrowness pitch digital connection.

### 2. Movable type connector:

It is a movable type connector, it excels in the vibration-proof in the vibration. It excels.

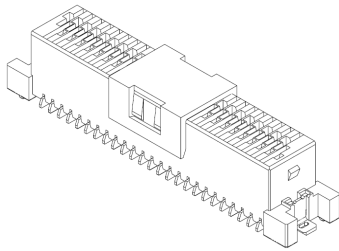
### 3. Improved work efficiency:

Engagement in one-touch is possible compared with two connected efforts of the FFC connection.

## Specifications

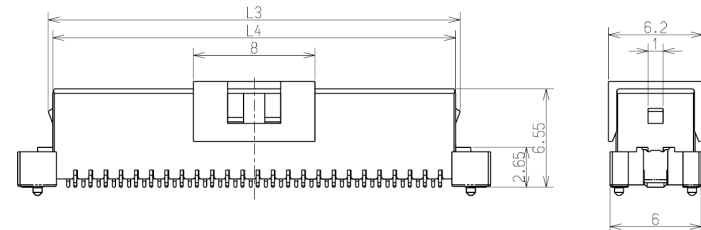
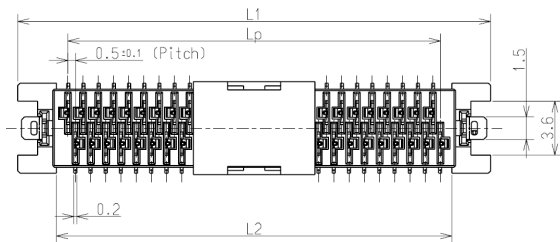
Voltage/Current rating	125 V, 1 A (AC,DC)	
Insulation resistance	500 M $\Omega$ MIN.	
Contact resistance	60 m $\Omega$ MAX.	
Withstanding voltage	AC500V (for one minute)	
Temperature range	-20°C~+85°C	
Insertion force	14.7~ 29.4N MAX. (40Pin)	
Withdrawal force	12.7~ 21.6N MIN. (40Pin)	
Materials Socket	Housing: LCP,GF,UL94V-0 Terminal: Phosphor bronze,Au plated (contact point)	
Materials Plug	Separator: PBT,GF,UL94V-0 Terminal: Phosphor bronze,Au plated (contact point)	

## Socket

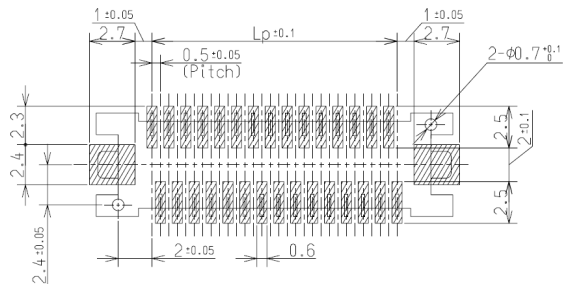


poles	Product name		Unit:mm				
	with boss	no boss	LP	L1	L2	L3	L4
40	137701140W3	137702140W3	19.5	26.1	21.0	22.1	21.5
50	137703150K3	137704150K3	24.5	31.1	26.0	27.1	26.5
80	137703180W3	137704180W3	39.5	46.1	41.0	42.1	41.5

## Socket



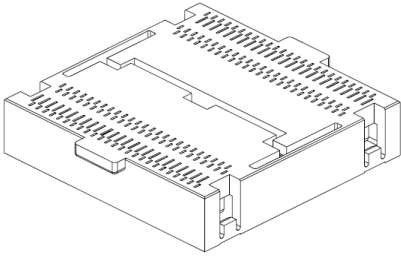
## P.W.B layout



# 377Series

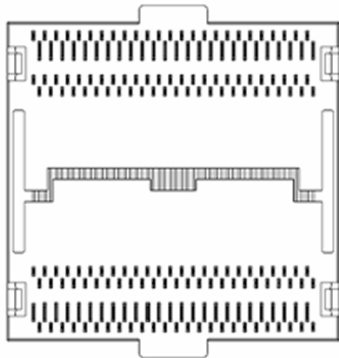
Board-to-Board | Horizontal (Bridge) | 0.5mm-Pitch Connector

■ Plug

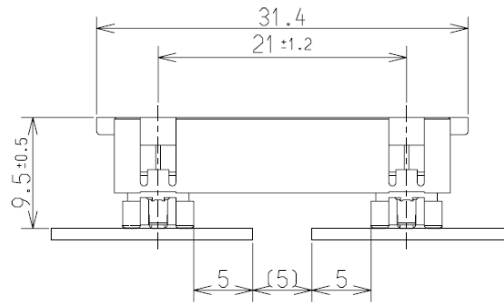


Poles	Product name	Unit:mm	
		LP	L1
40	237703140G4	19.5	24.1
50	237703150G4	24.5	29.1
80	237704180K4	39.5	44.1

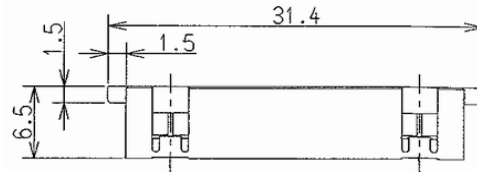
■ Plug



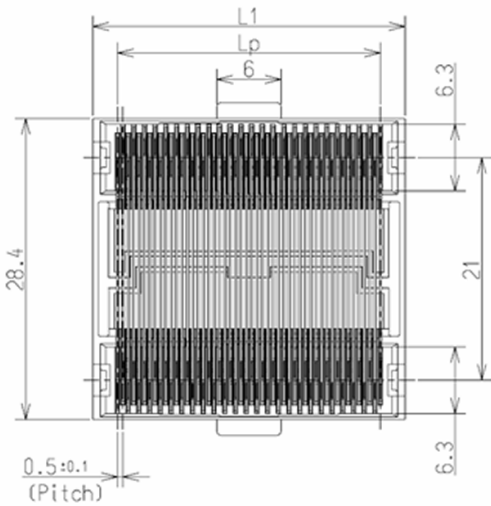
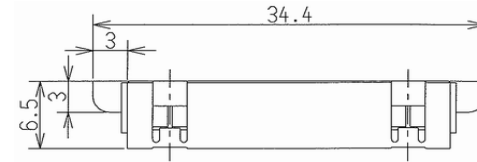
■ Engagement diagram



40P,50P



80P



\* All the figures relative to the product information indicated herein on our website are to represent respective model ranges(or series), and may as well be treated as reference figures only. We take the liberty to call your kind attention to the fact that our products and/or specifications may change without previous notice due to unavoidable circumstances. If you determine to use or adopt a product thereof, we would appreciate you contacting our Sales & Marketing Division for confirmation of the up-to-date specifications for delivery.