

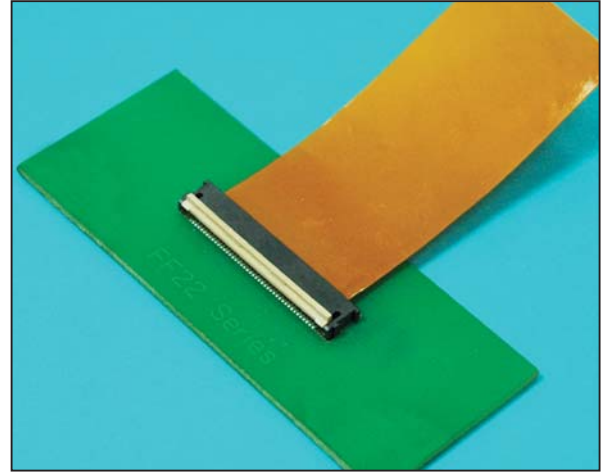
# 0.3mm Pitch Solid Back Lock FPC Connector

## FF22E Series

DDK Ltd.

### FEATURE

- Contact tails shall be located zigzag.  
(Contact Pitch: 0.3mm)
- DDK's original rotate oval cam lock mechanism;  
"Back-lock" system enables to be easy operation.
- Wide FPC guide at the interface is improved  
mating FPC.
- The nickel barrier at the contact tails prevent  
solder wicking.
- Connectors deliver with the lock lever opened.
- Time saving for FPC inserting operation.
- Width : 31.1mm (84 contacts)  
33.5mm (92 contacts)
- Depth : 6.71mm (Lock lever opened)  
7.75mm (Lock lever closed)
- Height : 3.65mm (Lock lever opened)  
2.45mm (Lock lever closed)



### SPECIFICATIONS

| Item                            | Specifications                  |
|---------------------------------|---------------------------------|
| Rated Voltage                   | 50V AC(r.m.s.)                  |
| Rated Current                   | 0.2A / Contact                  |
| Dielectric Withstanding Voltage | 200V AC (r.m.s.) / 1 minute     |
| Insulation Resistance           | 50 M $\Omega$ (min.) at 250V DC |
| Contact Resistance              | 50m $\Omega$ (max.)             |
| Number of Contact               | 84, 92                          |

### MATERIAL//FINISH

| Item       | Material / Finish                                                                      |
|------------|----------------------------------------------------------------------------------------|
| Contact    | Copper Alloy / Au(Flash) over Ni Plating                                               |
| Housing    | LCP Resin (UL94V-0) / Black                                                            |
| Lock Lever | PPS Resin (UL94V-0) / Natural : 84 Contact<br>PPS Resin (UL94V-0) / Brown : 92 Contact |



Part Number **FF22E-084B-R13A-S-3H**

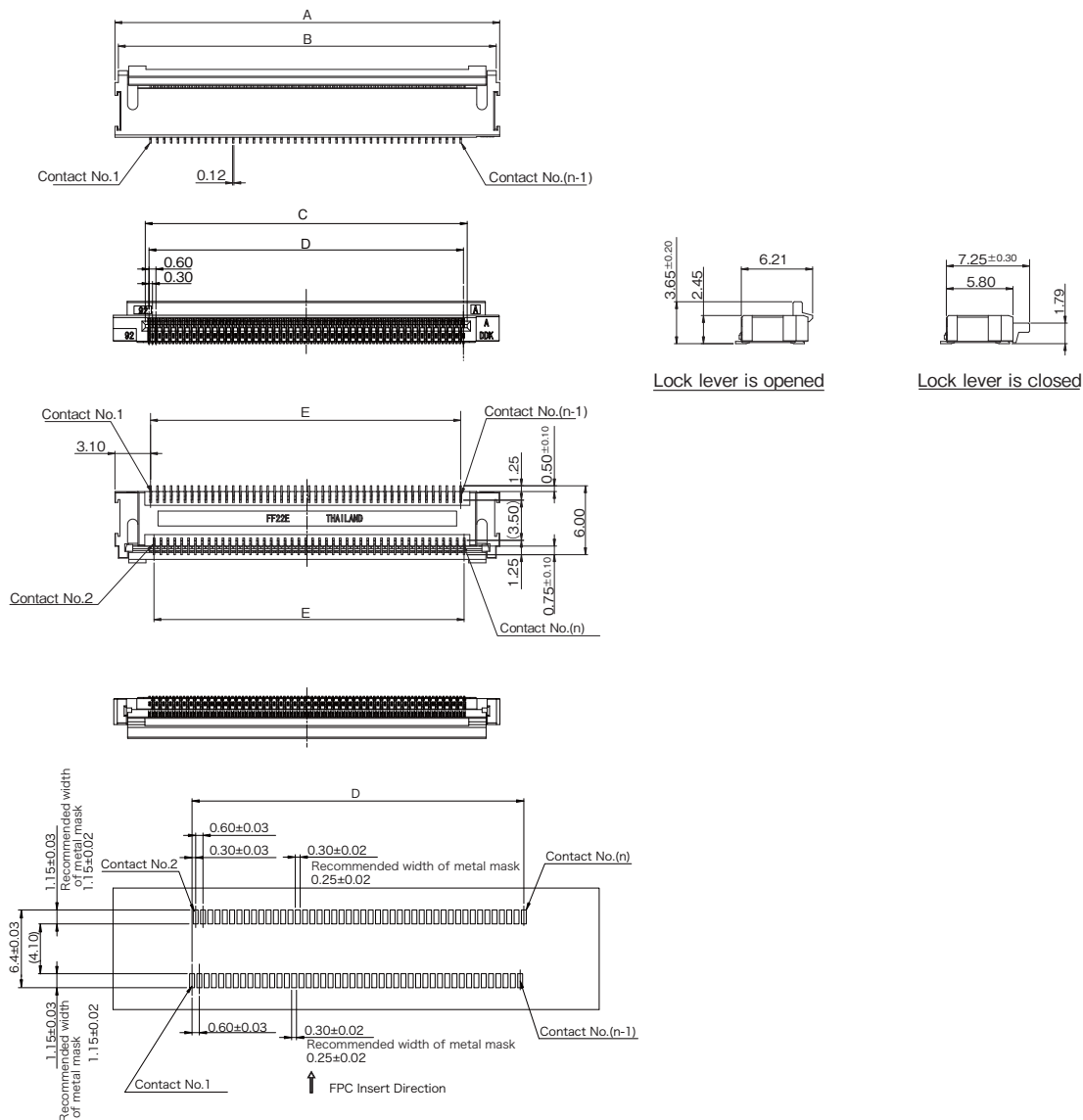
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

|                       |                                                                                  |
|-----------------------|----------------------------------------------------------------------------------|
| ① Series              | FF22E                                                                            |
| ② Number of Contact   | 084 : 84 Contacts<br>092 : 92 Contacts                                           |
| ③ Contact Position    | B : Upper Contact                                                                |
| ④ Contact Style       | R : Right Angle                                                                  |
| ⑤ Contact Pitch       | 1 : 0.3mm                                                                        |
| ⑥ Contact Plating     | 3 : Au (Flash) over Ni Plating                                                   |
| ⑦ Lock Lever Style    | A : Standard                                                                     |
| ⑧ Anti-solder Wicking | S : with Anti-solder Wicking Slit                                                |
| ⑨ Halogen Free        | No Digit : Incompatible (92 contacts only)<br>3H : Compatible (84 contacts only) |

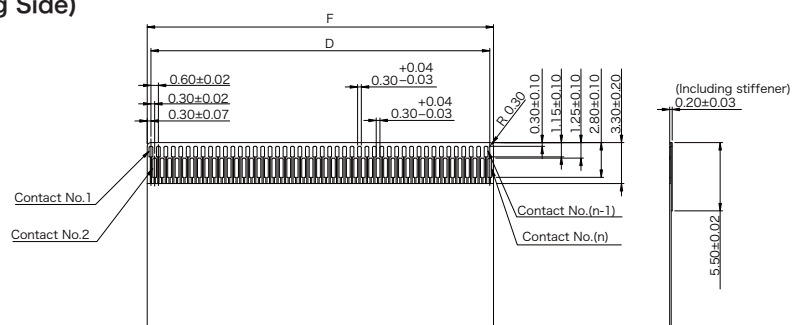
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Your catalogue checking the latest specifications with our drawings would be highly appreciated.

# ▶ 0.3mm Pitch FPC Connector



**Recommended PCB Mounting Dimensions**  
(Connector Mounting Side)



**Recommended FPC Dimensions**

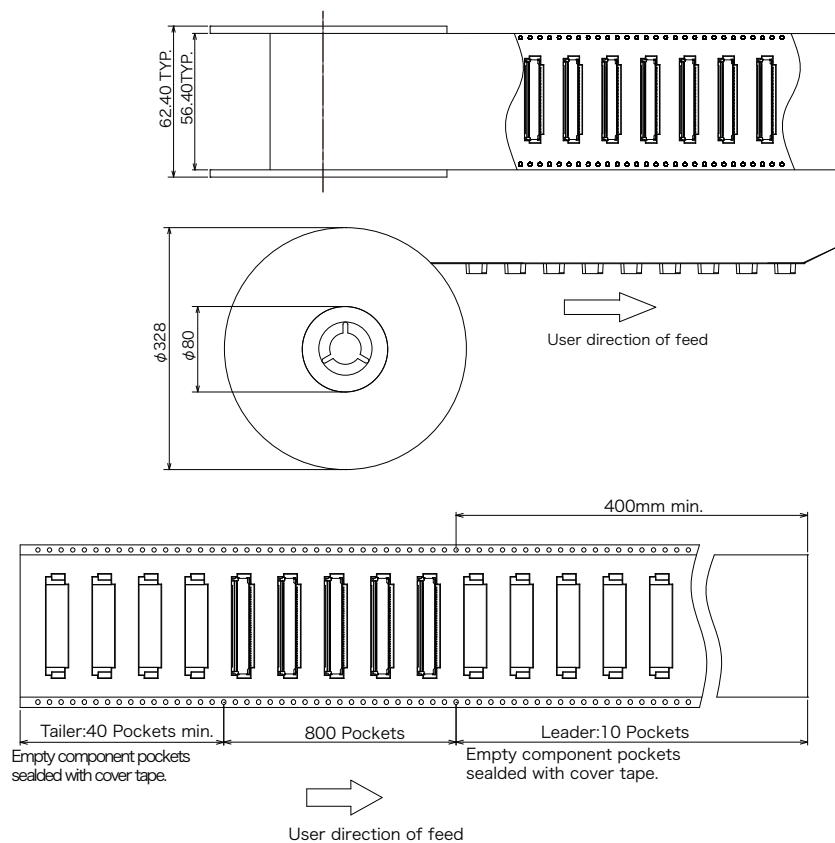
**Recommended Adhesive : Heat Curing Adhesive**

| Part Number          | A    | B    | C     | D     | E     | F     |
|----------------------|------|------|-------|-------|-------|-------|
| FF22E-084B-R13A-S-3H | 31.1 | 30.5 | 25.55 | 24.90 | 24.60 | 25.50 |
| FF22E-092B-R13A-S    | 33.5 | 32.9 | 27.95 | 27.30 | 27.00 | 27.90 |

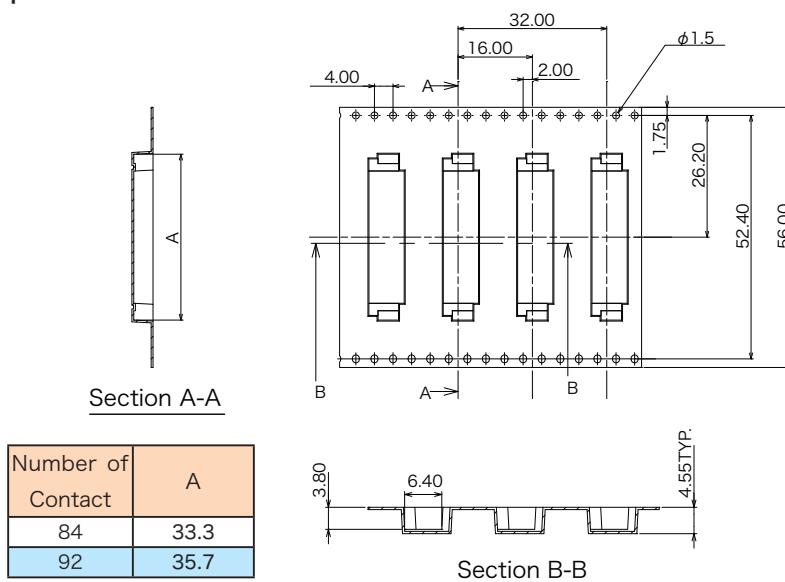
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## Package Specifications

### ■ Reel Dimensions



### ■ Emboss Tape Dimensions



**Package Quantity : 800pcs./ Reel**