

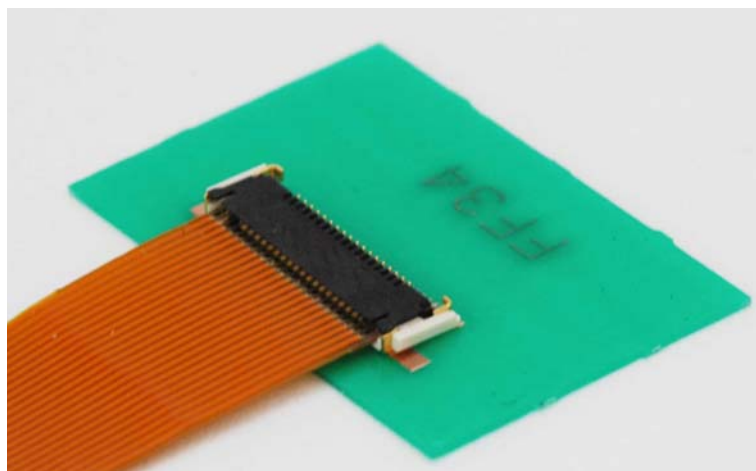
# 0.4 mm Pitch Back-Lock FPC Connector

## FF34 Series 【CE-ATA 8Bit Standard】



### OUTLINE

- FF34 series is a FPC connector which is 0.4mm pitch, 1.0mm height and 3.4mm depth.
- It is interface connector for smaller than 1.8" HDD.



### FEATURE

- Conforming to CE-ATA 8bit standard (Host side)
- Front-access back lock design is short depth and suitable to compact device.
- Cable lock mechanism retains FPC.
- Connectors deliver with the lock lever opened. Time saving for FPC inserting operation.
- Both upper and lower contacts design accepts any FPC inserting directions.
- Back lock mechanism enables to retain FPC against pulling upward direction.
- The lock lever does not fall down to the opposite side.
- Nickel barrier prevents solder wicking.

**Note** Please do not close a lock lever without inserting FPC.  
Otherwise, contact gap will become narrow and FPC insertion force will be higher.

### APPLICATIONS

Portable HDD

### SPECIFICATIONS

Rated Voltage	50V AC(r.m.s.)
Rated Current	0.5A / Contact
Dielectric Withstanding Voltage	200V AC(r.m.s.) / 1 minute
Insulation Resistance	100 M $\Omega$ min. at 500V DC
Contact Resistance	50m $\Omega$ max.

### MATERIAL/FINISH



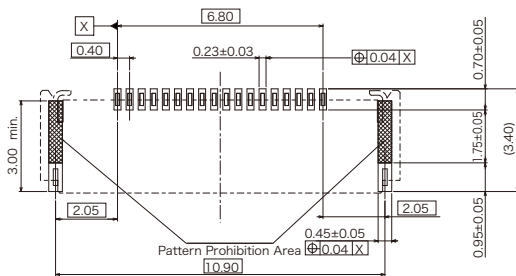
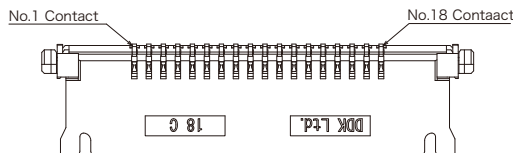
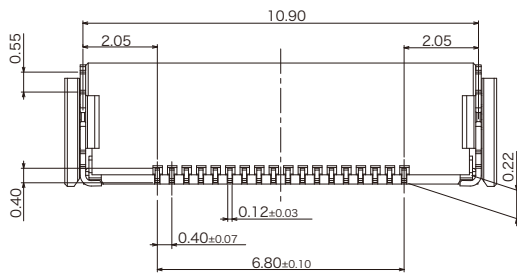
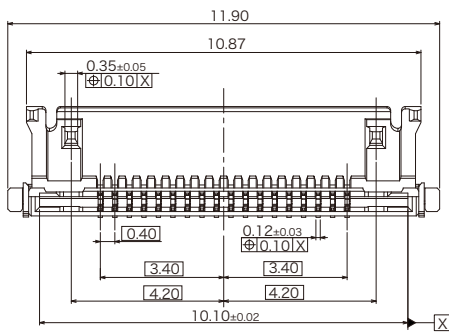
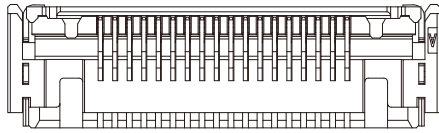
Item	Material / Finish
Contact	Copper Alloy /Au(Flash) over Ni Plating
Housing	LCP Resin (UL94V-0) / Ivory
Lock Lever	PPS Resin (UL94V-0) / Black

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

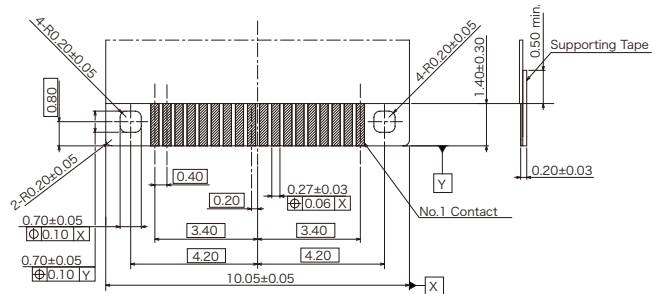
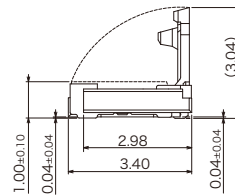
**▶ CE-ATA 8Bit Standard Connector [HOST]**

 Part Number **FF34-18 A-R11B**

① ② ③ ④ ⑤ ⑥ ⑦


**Recommended PCB Dimensions**

① Series	FF34
② Number of Contact	18 : 18 Contacts
③ Contact Position	A : Upper and Lower Contact
④ Contact Style	R : Right Angle
⑤ Contact Pitch	1 : 0.4mm
⑥ Contact Plating	1 : Au(Flash) over Ni Plating
⑦ Lock Lever Type	B : with Cable Lock

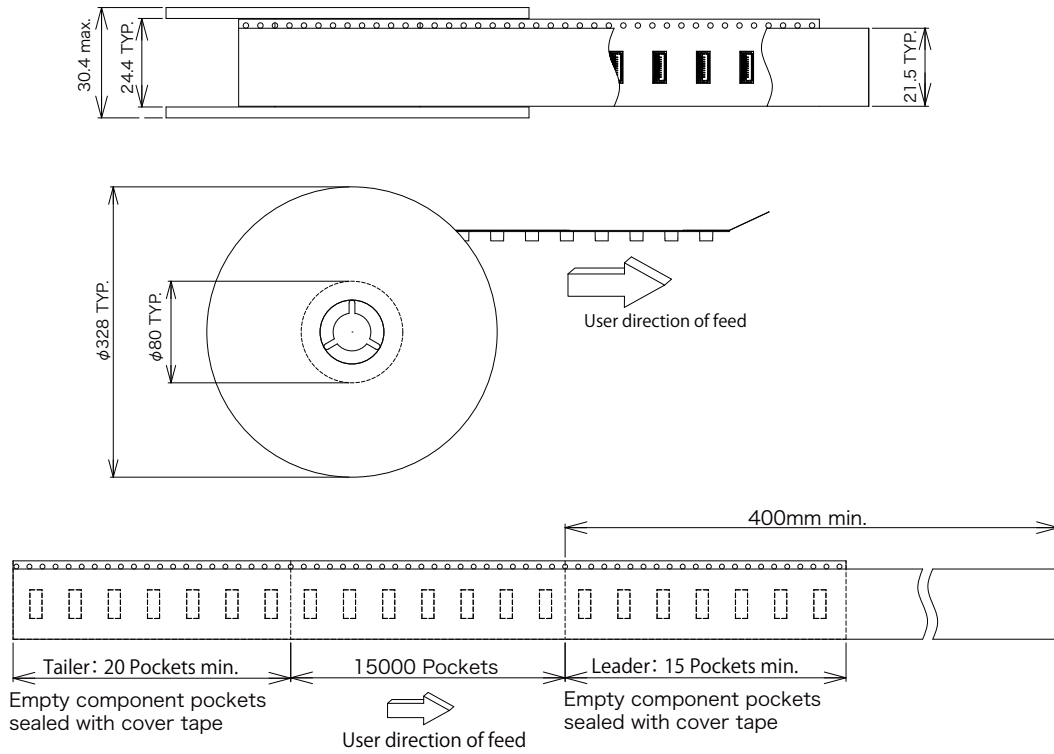

**Recommended FPC Dimensions**

- Recommended FPC Plating : Au over Ni Plating
- Recommended Adhesive : Heat Curing Adhesive

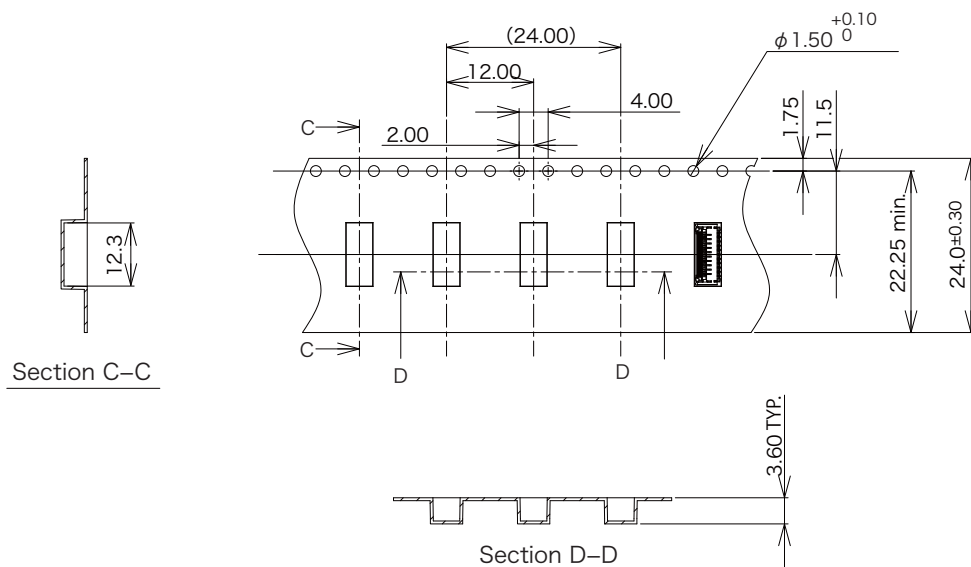
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# Package Specifications

## ■ Reel Dimensions



## ■ Emboss Tape Dimensions



■ Quantity : 1500pcs./reel