

0.4 mm Pitch Back-Lock FPC Connector

FF19CE Series 【CE-ATA 8Bit Standard】

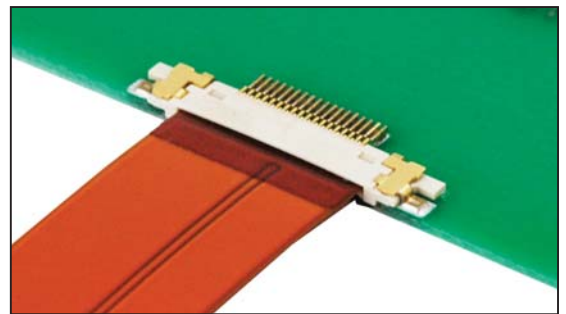
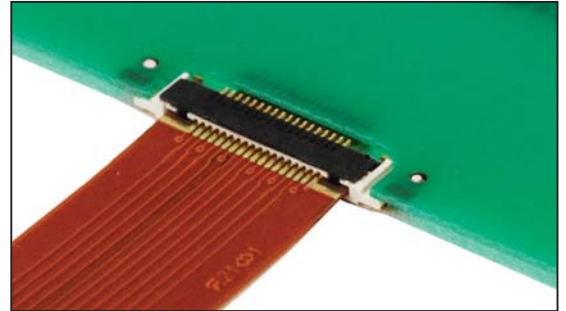


OUTLINE

- FF19CE series is a FPC connector which is 0.4mm pitch, 1.25mm height and 4.21mm depth.
- It is interface connector for smaller than 1.8" HDD.

FEATURE

- Conforming to CE-ATA 8bit standard (HDD side)
- Front-access back lock design is short depth and suitable to compact device.
- Cable lock mechanism retains FPC.
- Mid-mounting design which is mounted across the PCB enables to operate the lock lever from reverse side.
- 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.
- Board lock pins prevent the mounting gap.
- Nickel barrier prevents solder wicking.



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 MΩ min. at 500V DC
Contact Resistance	50m Ω max.

APPLICATIONS

Portable HDD

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

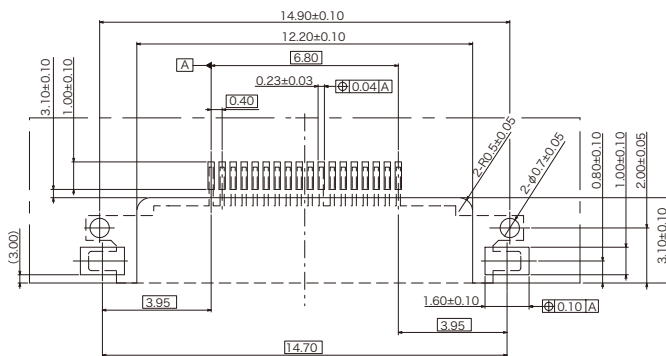
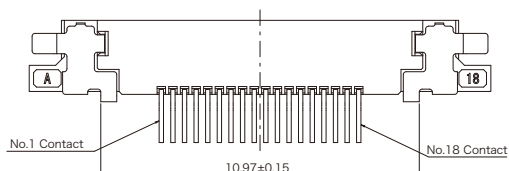
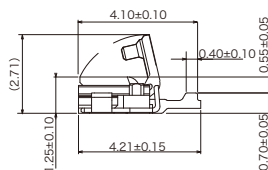
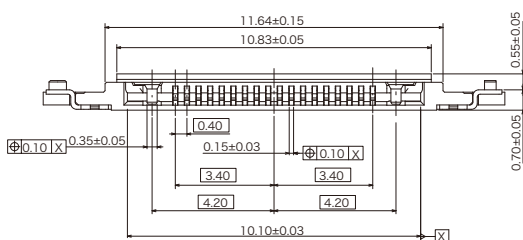
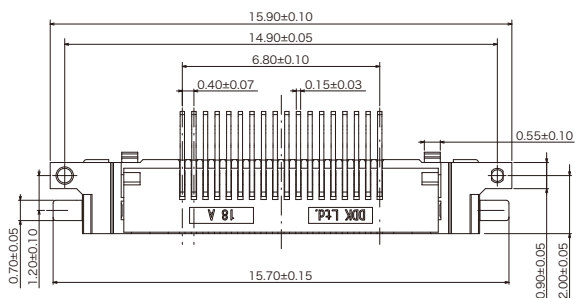
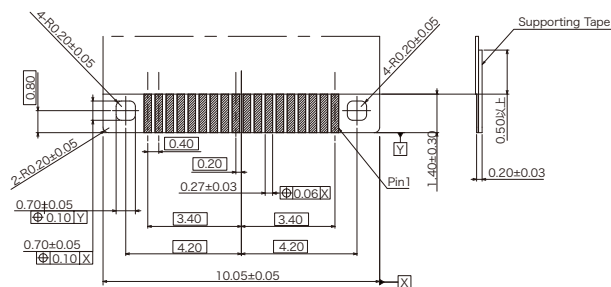
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Your catalogue checking the latest specifications with our drawings would be highly appreciated.

CE-ATA 8Bit Standard

 Part Number **FF19CE-18B-R11BP**

① ② ③ ④ ⑤ ⑥ ⑦ ⑧

① Series	FF19CE
② Number of Contact	18 : 18 Contacts
③ Contact Position	B : Upper and Lower Contact
④ Contact Style	R : Right Angle
⑤ Mounting Type	1 : Mid Mount Type
⑥ Contact Plating	1 : Au(Flash) over Ni Plating
⑦ Lock Lever Type	B : with Cable Lock
⑧ Board Lock	P : with Board Lock


Recommended PCB Dimensions

Recommended FPC Dimensions

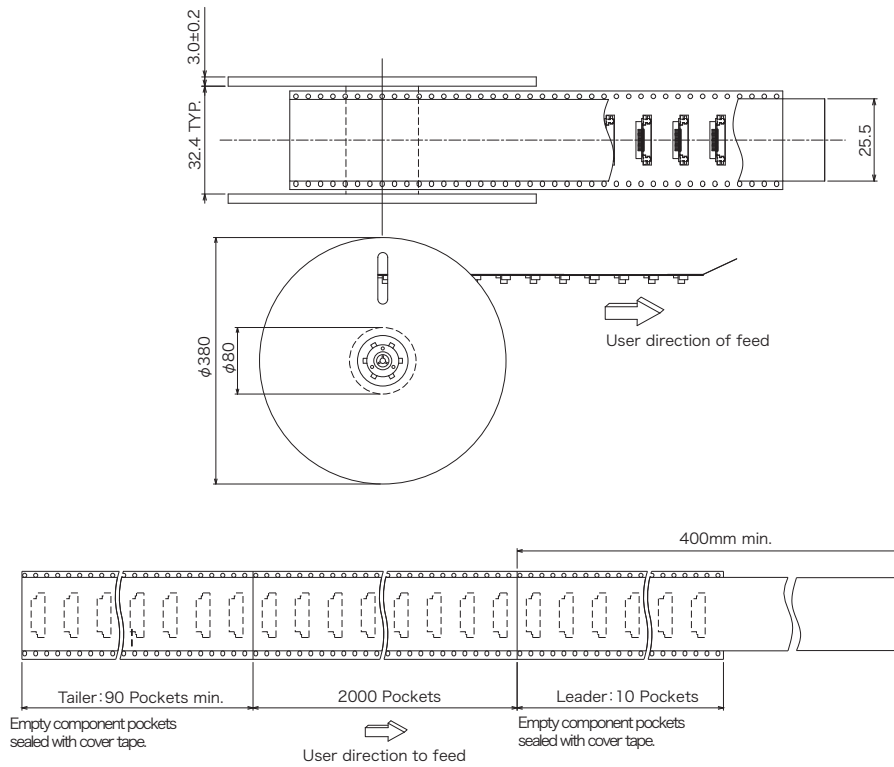
- Recommended FPC Plating :Au over Ni Plating
- Recommended Adhesive :Heat Curing Adhesive

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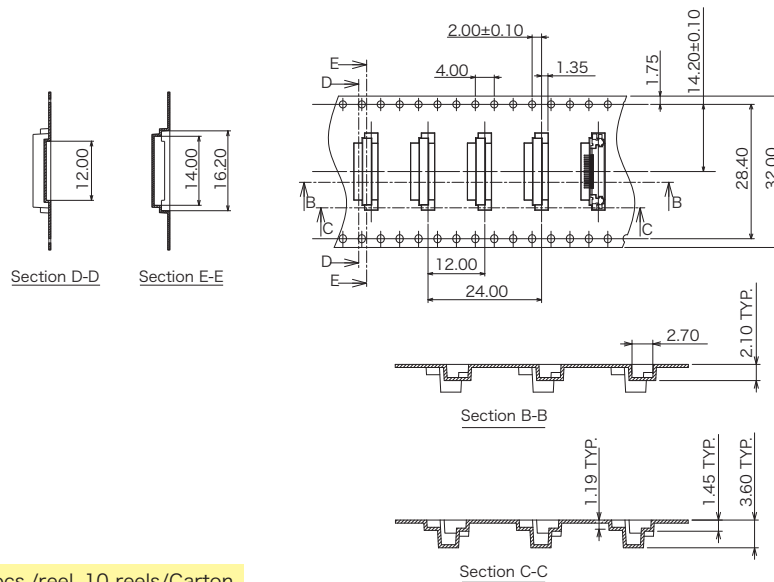
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Package Specifications

■ Reel Dimensions



■ Emboss Tape Dimensions



■ Quantity : 2000pcs./reel, 10 reels/Carton