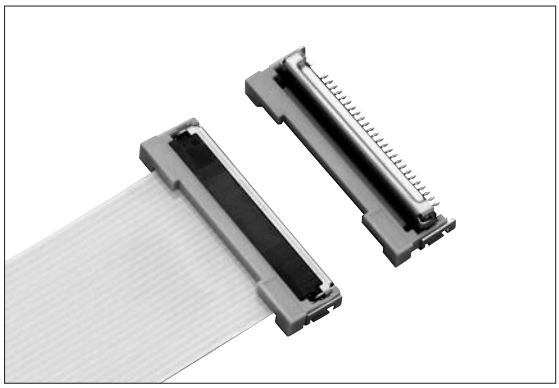
FPC Connectors

EC-10 Series 1.0mm Pitch, Easy Flip Lock Type (SMT)



■ Features

1. The FPC-fixation lever is our original easy flip lock structure, able to lock sliding the cover with the turning lever, provides good operability.
2. Provision of a prevention mechanism for an unintentional FPC/FFC disconnection and incomplete insertion.
3. Lower contact design.
4. Low profile of 3.5mm height when mounted.
5. Using the ZIF structure.
6. Supplied in the embossed taping with automatic mounter.

■ Specification

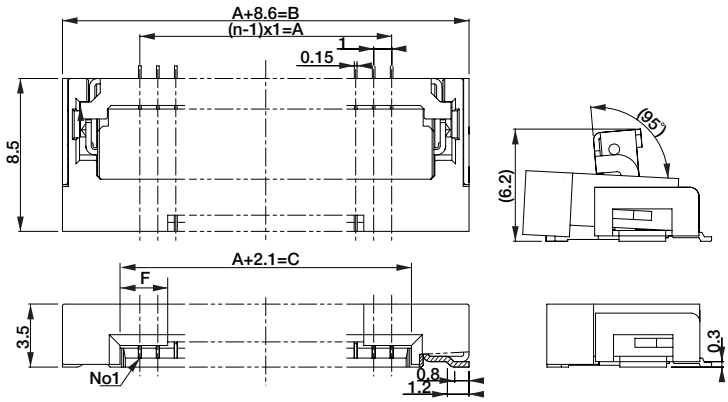
1. Rating : 1.0A, 50V AC/DC
2. Contact Resistance : 30m Ω max., initially
3. Insulation Resistance : 1000M Ω min. at 500V DC
4. Withstanding Voltage : 500V AC (for one minute)
5. Operating Temperature Range : –30˚C to +105˚C

■ Material and Plating

- Housing : Thermoplastic Resin, Black, 94V-0
- Cover : Thermoplastic Resin, 94V-0
- Lever : Steel Use Stainless
- Contact : Cu Alloy, Au Plating
- Hold down : Cu Alloy, Sn-Cu Plating

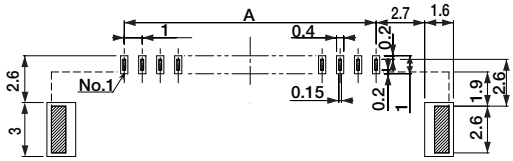
● CFP84□□-0452F

No. of Pins

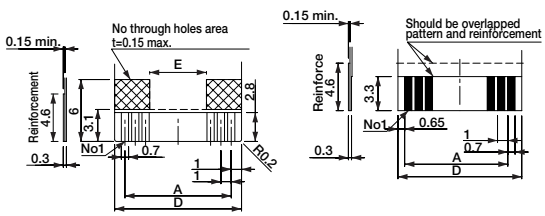


□□ No. of Pins	A	B	C	D	E	F
08	7.0	15.6	9.1	9.0	2.7	3.0
11	10.0	18.6	12.1	12.0	5.7	3.0
16	15.0	23.6	17.1	17.0	10.7	3.0
20	19.0	27.6	21.1	21.0	14.7	3.0
22	21.0	29.6	23.1	23.0	14.7	4.0
25	24.0	32.6	26.1	26.0	17.7	4.0

■ P.C. Board Dimension



■ Applicable FPC/FFC Dimension (t=0.3±0.05)



Applicable FPC　　Applicable FFC

- FPC plating to recommend : Au plating