

FPC Connectors

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



Features

- The FPC-fixation lever is of our own easy flip lock system where the locking action is completed by sliding the cover with the rotating lever, resulting in better operability (a structure where the cover moves in conjunction with the lever).
- 2. Provision of a prevention mechanism for an unintentional FPC/FFC disconnection and incomplete insertion.
- 3. Convenient lower contact design.
- 4. Low profile of 3.5mm height when mounted.
- 5. Using the ZIF structure.
- 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

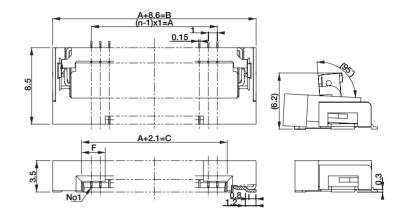
■ Material and Plating

• Housing: Thermoplastic Resin, BLACK, 94V-0

Cover: Thermoplastic Resin, 94V-0
Lever: Steel Use Stainless (SUS)

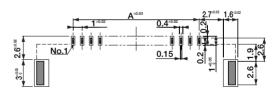
Contact : Cu Alloy, Au Plating

Hold-down : Cu Alloy, Sn-Cu Plating

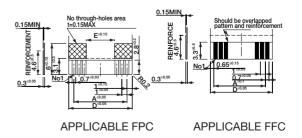


No. of Pins	Α	В	С	D	Е	F
80	7.0	15.6	9.1	9.0	2.7	3
11	10.0	18.6	12.1	12.0	5.7	3
16	15.0	23.6	17.1	17.0	10.7	3
20	19.0	27.6	21.1	21.0	14.7	3
22	21.0	29.6	23.1	23.0	14.7	4
25	24.0	32.6	26.1	26.0	17.7	4
30	29.0	37.6	31.1	31.0	22.7	4

P.C. Board Dimension



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



• FPC plating to recommend : Au plating