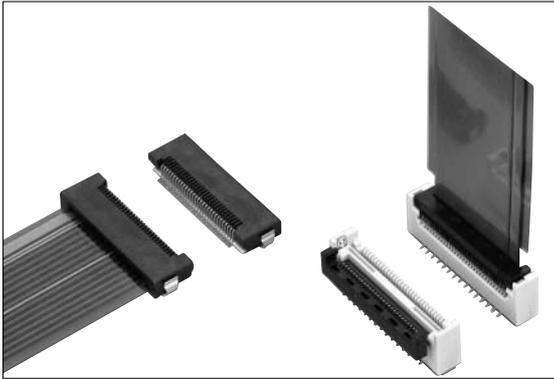


EF-5D Series 0.5mm Pitch For Shield FPC (SMT)



Features

- Compatible with high-speed serial transmission such as LVDS and TMDS (HDMI).
- Differential impedance matches 100Ω.
- Double-faced FPCs are used and strengthened the signal and ground layers. An EMI Solutions is taken by having the connector featuring our original double-contact structure cause the FPC ground layer to contact. The signal side can be tailored to any pin assignment.
- Our original front flip lock structure ensures multi pins products of high level contact reliability.
 - The structure which relieves the load from the cover when the FPC is locked will prevent detachment or breakage of the cover.
 - There are no restrictions to the direction in which the FPC can be laid.
- By turning the cover, an FPC/FFC can be connected easily with only a small force.
- Right angle and vertical types are available.
- Mechanisms for prevention of disconnection and top-for-bottom reversal insertion of an FPC are provided.
- Options of heights above PWB when mounted are available in 2.5mm (right angle type 30 or 50P), 3mm (right-angle 68 or 80P) or 6mm (vertical type).
- Both upper and lower contact design (right angle).
- Using the ZIF structure.
- Supplied in the embossed taping with automatic mounter.

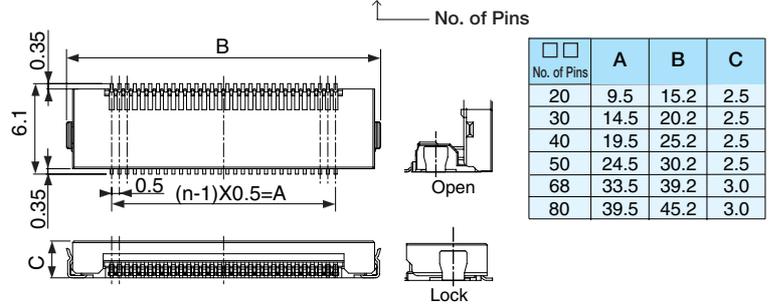
Specification

- Rating: 0.5A, 50V AC/DC
- Contact Resistance: 30mΩ, max., initially
- Insulation Resistance: 100MΩ, min. at 100V DC
- Withstanding Voltage: 100V AC (for one minute)
- Operating Temperature Range: - 40°C to + 85°C

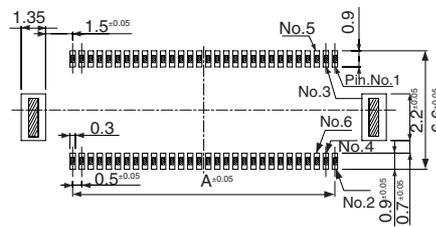
Material and Plating

- Housing: Thermoplastic Resin, Natural Color, 94V-0
- Cover: Thermoplastic Resin, Black, 94V-0
- Contact: Cu Alloy, Au Plating
- Hold-down: Cu Alloy, Sn Alloy Plating

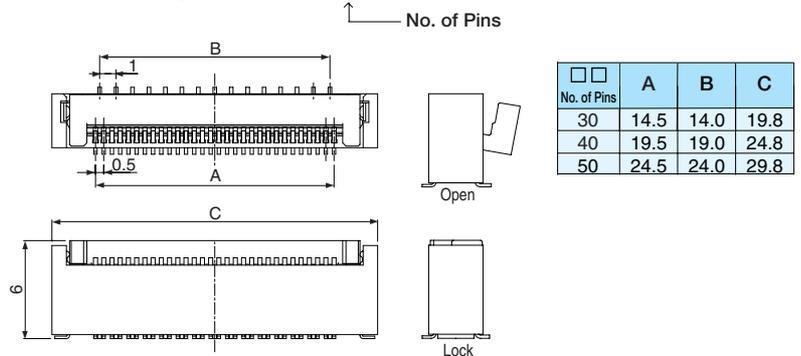
● Right Angle Type CFP87□□-0101F



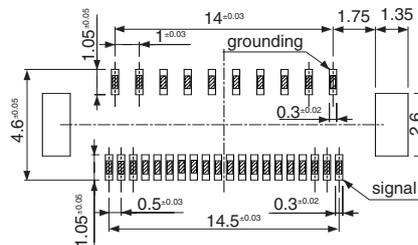
■ P.C.Board Dimension



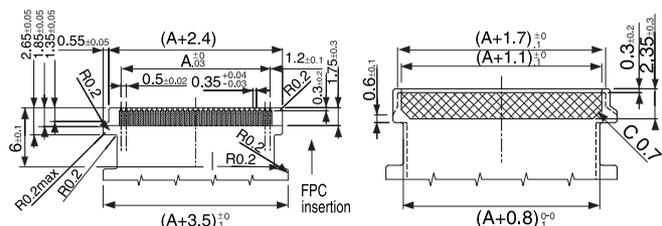
● Vertical Type CFP88□□-0101F



■ P.C.Board Dimension



■ Applicable FPC/FFC Dimension (t=0.147±0.03)



● FPC plating to recommend : Au plating