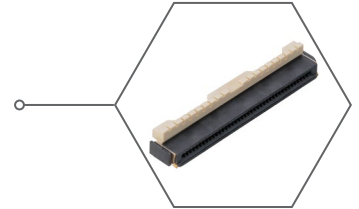


## New Product Introduction

# NEW Y5BH Series FPC Connectors

## 0.5mm Pitch FPC/FFC Connector with Differential Impedance Matching



Panasonic, a world leader in Connector Products, is pleased to announce the **NEW Y5BH Series FPC Connectors!** The **NEW Y5BH Series Connectors** are impedance matching Connectors that can accept both FPC and FFC with a 0.5mm pitch. The differential impedance matching is compatible with both 85 Ohms and 90 Ohms for various transmission standards such as the USB 3.1 Gen. 2 high-speed transmission standard (Transmission speed: up to 10 Gbps). With top and bottom contact construction and no pin assignments, the **NEW Y5BH Series FPC/FFC Connectors** contribute to optimal design freedom. Insertion displacement is prevented by surrounding the four sides on the FPC insertion entrance with a wall molding construction.

## Features / Benefits

- FPC/FFC Connector For High Speed Transmission
  - 85 And 90 Ohm Impedance Matching That Offers Excellent High-Speed Differential Transmission Characteristics And Supports All High-Speed Transmission Standards Up To 10 Gbps
- Top And Bottom Contact Construction And No Pin Assignments
  - Contributes To Optimal Design Freedom By Allowing The User To Use Any Pin And Both Sides Of The FPC For Connection
- FPC Insertion Displacement Prevention
  - Constructed To Make Positional Displacement Difficult By Surrounding The Four Sides On The FPC Inlet Side With Wall Molding
- Suitable For Both FFC And FPC With 0.5mm Pitch
  - High Versatility By Allowing The Customer To Use Either FFC Or FPC. This Contributes To Cost Savings By Using Impedance Matching FFC
- Differential Impedance Matching
- Back Lock Structure
- RoHS/REACH Compliant

## Industries

- Consumer Electronics
- Industrial Electronics

## Applications

- PCs, Tablet PCs
- Digital Cameras
- Video Cameras

