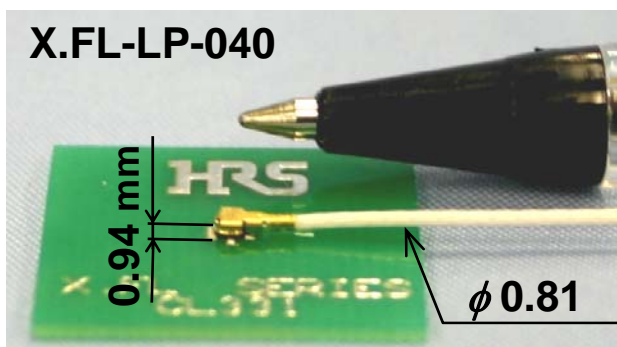




# X.FL Series

## 0.94 mm Height, Micro Coaxial Connector

X.FL-LP-040



### ◆ Features

1. Low Profile: 0.94 mm (1 mm Max.) mating height
2. The World Smallest Class Coaxial Connector
3. High Frequency Performance (V.S.W.R.): 1.3 Max. [DC to 3GHz]  
1.4 Max. [3GHz to 6GHz]
4. Extra Fine Cable:  $\phi$  0.81 mm outer diameter
5. User Friendly:  
Click feeling when fully mated improves workability and assembly quality.
6. Satisfies RoHS requirements, Halogen-free\*

\*NOTE: X.FL is defined as halogen-free product in accordance with IEC61249-2-21.

(Br: 900 ppm Max., Cl: 900 ppm Max., total concentration of Br and Cl: below 1500 ppm)

### ◆ X.FL Specifications

|  | X.FL  | W.FL2                 | W.FL             |
|--|---|-----------------------|------------------|
| <b>Mating Height</b><br>(Excluding the solder paste thickness) | <br>X.FL-R-SMT-1(40)  | <br>W.FL2-R-SMT-1(10) | <br>W.FL-R-SMT-1 |
| <b>High Frequency Performance (V.S.W.R.)</b>                   | 1.3 Max. [DC to 3 GHz]<br>1.4 Max. [3 GHz to 6 GHz]               |                       |                  |
| <b>Cable Size</b>  | $\phi$ 0.81 Coaxial Cable   |                       |                  |
| <b>Occupied Mounting Surface</b>                               | <br>X.FL is mountable on the PCB layout of W.FL and W.FL2 Series. |                       |                  |

### ◆ Application Example

Mobile phone, Notebook PC, PDA, wireless device, Electronic measuring equipment, Electronic toys and games, etc.

Note: All dimensions in millimeters

Specifications herein are subject to change without notice. Contact Hirose for latest specifications, drawings or availabilities.

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