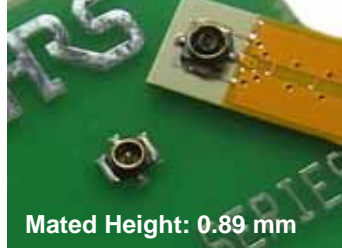


**HRS**

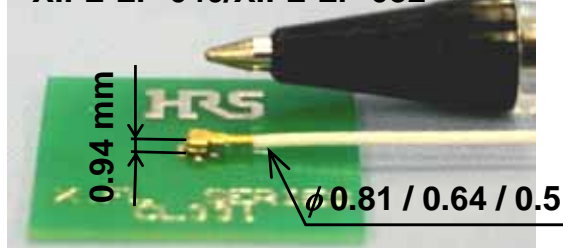
# X.FL Series

## 0.94 mm Height, Micro Coaxial Connector

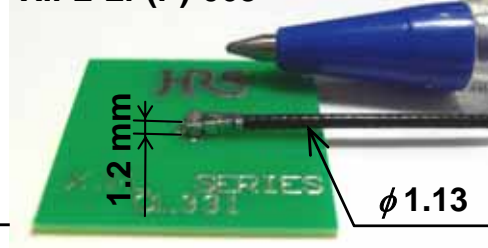
X.FL-PR-SMT1-2



X.FL-LP-040/X.FL-LP-032

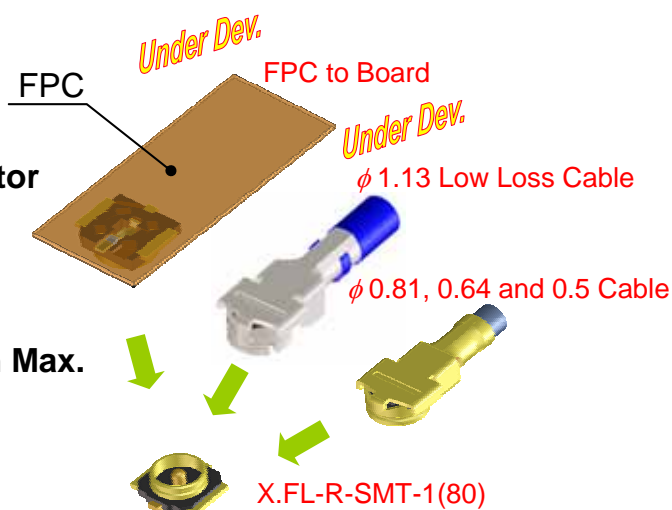


X.FL-LP(P)-068



### ◆ Features

1. Low Profile: 0.94 mm (1 mm Max.) mating height with  $\phi$  0.5, 0.64 and 0.81 mm cables
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.  $\phi$  1.13 mm low loss cable type with 1.3 mm Max. height and Board to FPC type are under development.
5. RoHS compliant, Halogen-free product\*



### ◆ X.FL Specifications

\*This product satisfies halogen free requirements defined as 900 ppm maximum chlorine, 900 ppm maximum bromine, and 1500 ppm maximum total of chlorine and bromine.

	X.FL	W.FL2	W.FL
<b>Mating Height</b> (Excluding the solder paste thickness)	<p>X.FL-R-SMT-1(80) 0.94 (1 Max.)</p>	<p>W.FL2-R-SMT-1(80) 1.18 (1.3 Max.)</p>	<p>W.FL-R-SMT-1(80) 1.4 (1.55 Max.)</p>
<b>High Frequency Performance (V.S.W.R.)</b>	1.3 Max. [DC to 3 G Hz] 1.4 Max. [3 GHz to 6 GHz]		
<b>Cable Size</b>	$\phi$ 0.81 Coaxial Cable		
<b>Occupied Mounting Surface</b>	<p>2 2 3.4 mm<sup>2</sup></p> <p>X.FL is mountable on the PCB layout of W.FL and W.FL2 Series.</p>		

### ◆ Application Example

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

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

Note: All dimensions in millimeters