



# KinnexA introduces High Performance MRF Coaxial Receptacles and MRF Coaxial Jump Wire Series

**Taipei, Taiwan., January 9, 2017**—KinnexA Inc. A leading design innovator and manufacturer of high speed Ethernet connectivity solutions for data centers, mobile, tablet PC, LCD, WiFi Dongle and enterprise infrastructure, today announced the release of its new MRF Coaxial Receptacles and MRF Coaxial Jump Wire Series. Available immediately World Wide, KinnexA delivers reliable, unique and innovative solutions to the MRF industry.

## MRF Receptacle Connector



3 Pad Type

### MRF 1

MRF I Receptacle Connector

Vertical Height: **1.25mm**

Signal Contact Deep-Drawing Press Mold

DC~11GHz (3 Types)



4 Pad Type

### MRF 3

MRF I Receptacle Connector

Vertical Height: **0.85mm**

Signal Contact Deep-Drawing Press Mold

DC~11GHz (3 Types)



PCI Express M.2 Specification

### MRF 4

MRF I Receptacle Connector

Vertical Height: **0.60mm**

Signal Contact Deep-Drawing Press Mold

DC~11GHz (3 Types)

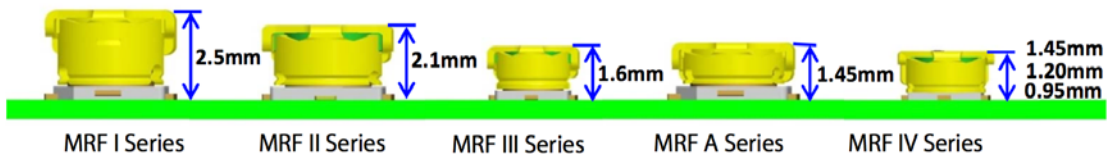
- KinnexA offers it's MRF Coaxial Receptacle connector providing High Performance and High Reliability
- Frequency bandwidth
- Contact voltage strength
- Power savings
- Vibration resistance
- SMA connections
- Low insertion loss
- **Environmentally rugged**
- **Strictly dimension quality control**
- **High Frequency Performance 16 GHz** (internal testing)

## MRF Coaxial Jump Wire Series

KinnexA's New Jump Wire Series  
 providing new and innovative Green features for the MRF industry  
 Pb---Halogen---Ni---magnetic FREE

- Cable wire crimping connection: Patented technology with better reliability.
- Pinouts configuration: Insert molding processes for more precision and better consistency.
- Unique cable assembly: 1<sup>st</sup> in the world with pb-free and halogen free process.
- Unique cable assembly with magnetic free innovative process without Ni element.
- Excellent high frequency performance: works for all products from frequency range **DC to 16GHz**—superior to other suppliers.
- Recessed height: ready for next generation with height 0.60~1.00mm
- Differences inclusive: the 4<sup>th</sup> generation board connector to match the 1st~5<sup>th</sup> generation wire plug.
- Automation: fully new design automatic facility for RF cable assembly line.
- RF wire length: **shortest length in the industry**, as low as 15mm
- Vertical integration: one total process control from product design to mass production.

## MRF 1~IV Series Jump Wire

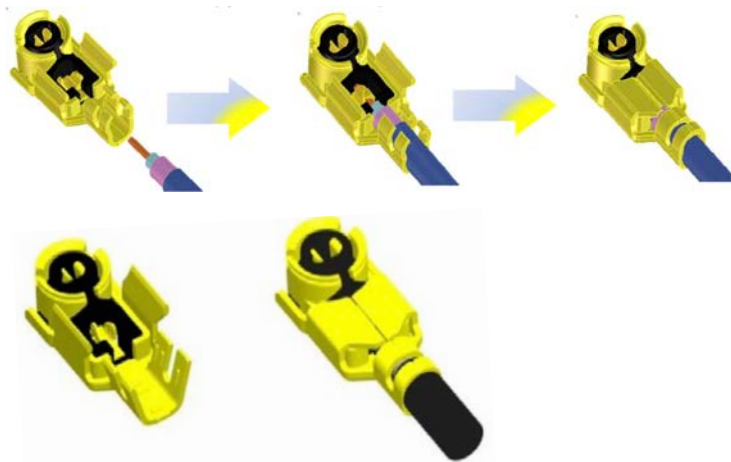


MRF 1 Series Jump Wire (Supports OD 1.13~1.80 mm RF coaxial cable)

MRF II Series Jump Wire (Supports OD 0.81~1.37 mm RF coaxial Cable)

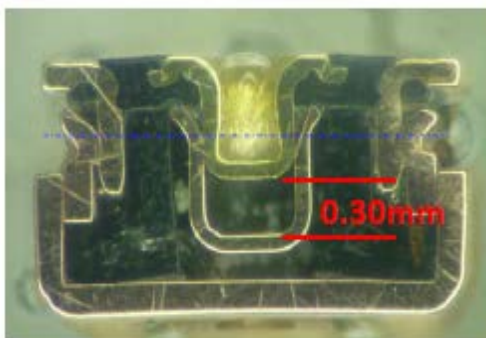
MRF III Series Jump Wire (Supports OD 0.81 mm RF coaxial cable)

MRF A Series Jump Wire (Supports OD 1.13 mm RF coaxial cable)

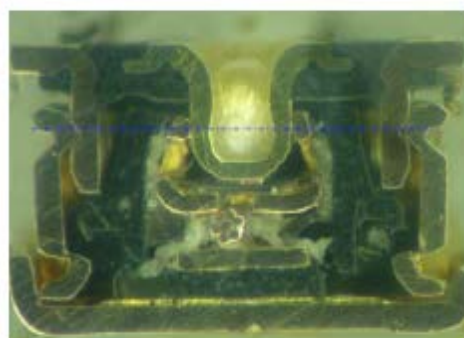


## KinnexA PLUG with Lower Height Design

I-PEX Recp. VS KinnexA PLUG



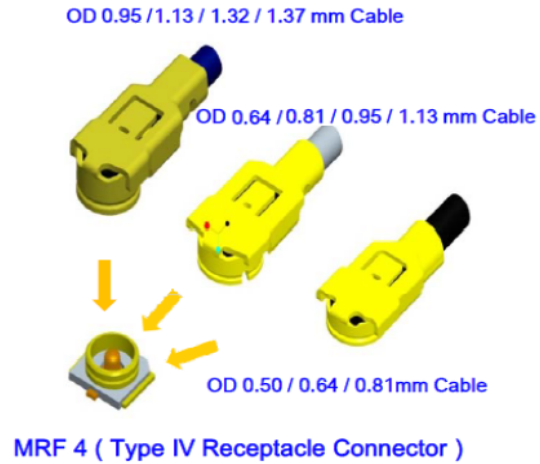
I-PEX Rcep. VS I-PEX PLUG



- The pictures show that I-PEX plug contact pin has no space after mating with receptacle, while there is a 0.3mm space for us to lower the contact pin's height.
- KinnexA's plug design can be built with bigger cable to have less Insertion Loss

# MRF IV Series Jump Wire

HMT Type IV connector type	
Recp.	Φ1.5mm * H0.6mm
Standard Plug	OD1.13 * mating H1.45mm
	OD0.81 * mating H1.20mm
HMT Special Plug	OD1.37 * mating H1.45mm
	OD1.32 * mating H1.45mm
	OD1.13 * mating H1.20mm
	OD0.95 * mating H1.20mm
	OD0.81 * mating H0.95mm
	OD0.64 * mating H0.95mm
	OD0.50 * mating H0.95mm



KinnexA plug offers more optional OD from 0.50 to 1.37mm



Please refer to our MRF Receptacle Connector and Jump Wire brochure.

## About KinnexA

### Connection, Solution, Technology

KinnexA is an innovative and vibrant research, development and manufacturing company with a global team of dedicated professionals and experts. Our operations are located in Taipei's Shilin District, with manufacturing facilities in Taiwan and China. KinnexA specializes in designing and manufacturing information technology components and connectors. We continue to expand our high quality products into the Industrial, Commercial and Automotive sectors in a range of component architectures with special applications in communications, networking and RF/Microwave, testing, measurement and broadcast.

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