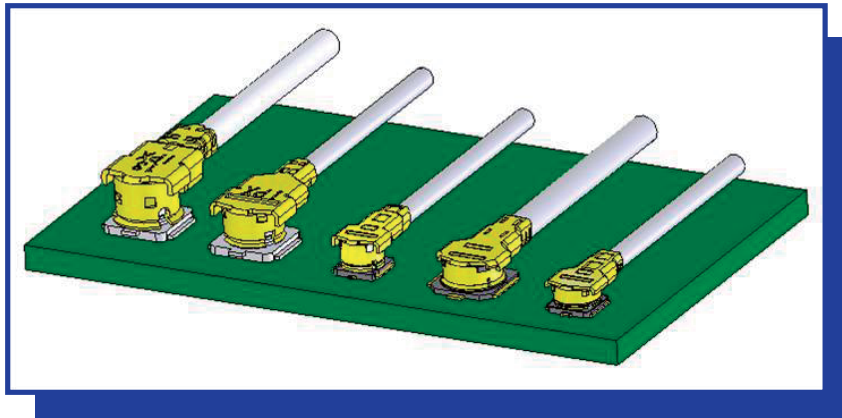


# MHF SERIES MICRO COAXIAL CONNECTOR



## 【Major Application】

- Wireless LAN Antenna
- Cellular Phone
- Note Book Computer
- Game Equipment
- Digital Appliance
- Access Point

## 【Key Features】

- SMT Receptacle and Mating Plug Cable Connector
- Small form factor and low profile : 1.2mm to 2.5mm MAX. Mating Height
- Applicable Cable :  
O.D.0.64mm / 0.81mm / 0.98mm / 1.13mm / 1.32mm / 1.37mm and 1.8mm Coaxial Cable
- High productivity : Easy Cable termination by “i-Fit<sup>®</sup>” without soldering
- Applicable Technology :  
IEEE802.11 a/b/g/n, UWB, WiMAX, iBurst, Zigbee, Bluetooth Wireless and MIMO

## 【Specifications】

- Frequency Range : DC up to 6GHz ( V.S.W.R. : 1.3MAX at 0.1~3GHz, 1.4MAX at 3~6GHz )
- Characteristic Impedance : 50 ohm ( Nominal )
- Temperature : -40°C to +90°C
- Rated Voltage : AC 60V
- Contact Resistance : 20m ohm MAX. ( Signal ) and 10m ohm MAX. ( Ground )
- Withstand Voltage : AC 200V
- Insulation Resistance : 500M ohm MIN. / DC 100V

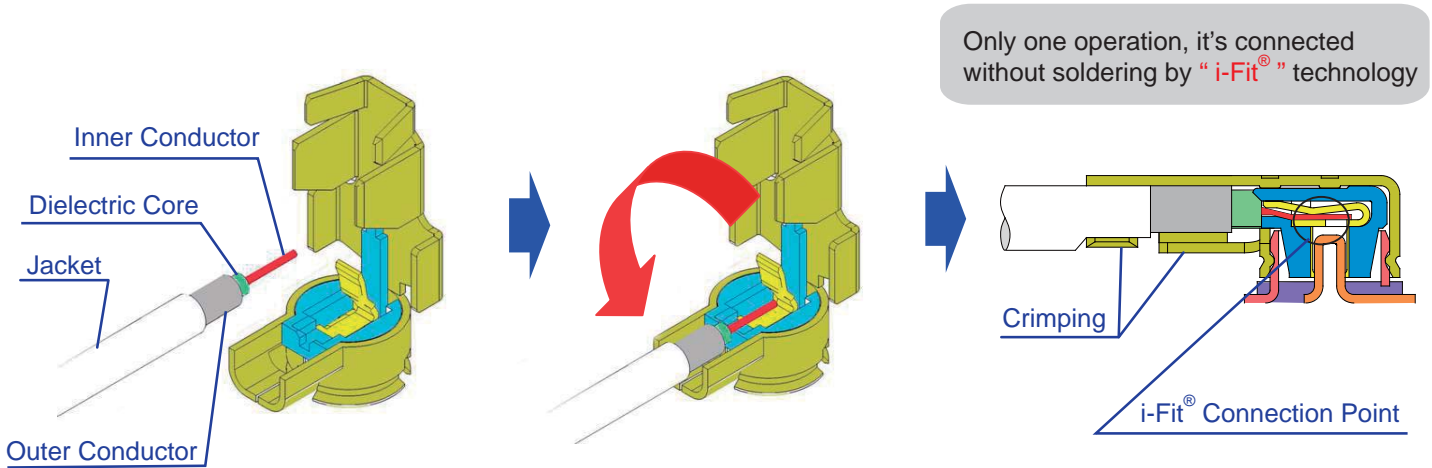
## 【Product Overview】

MHF type Plating (Center/ Ground)	MHF Receptacle			MHF III Receptacle		MHF-A Receptacle		MHF 4 Receptacle			
	MHF Plug	MHF II Plug		MHF III Plug		MHF-A13 Plug		MHF 4 Plug	MHF 4 SMT Plug		
Mating Height	2.5mm (MAX.)	2.1mm (MAX.)		1.6mm (MAX.)		1.45mm (MAX.)		1.2mm (MAX.)	1.2mm (MAX.)		
Gold/ Gold	20279-001E-01 (3pads) 20441-001E-01 (4pads)	20278-1*2R-**	20351-1*2R-37	20311-011R-08	20369-001E	20367-001R	20429-001E	20428-001R	20407-001E	20448-001R-081	20462-001E
Gold/ Silver	20314-001E-01 (3pads)	20308-1*2R-13 20308-1*2R-32	N/A	20312-011R-08 20312-011R-10	N/A	N/A	N/A	N/A	N/A	N/A	N/A

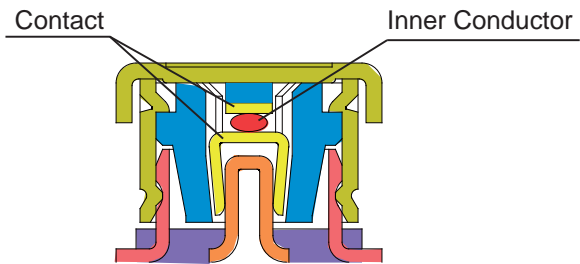
◆ All Center contact are Gold Plated

Easy and Speedy Cable Connection of Center Conductor ( i-Fit<sup>®</sup> ) and Outer Conductor at **Only one operation** by our special assembling tool

< i-Fit<sup>®</sup> Connection mechanism >



**i-Fit<sup>®</sup> PATENT NO.**  
**U.S.A. PAT.6,790,082**  
**JAPAN PAT.4148339**



**i-Fit<sup>®</sup> Cross-section**

< Product Mechanism >

