



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



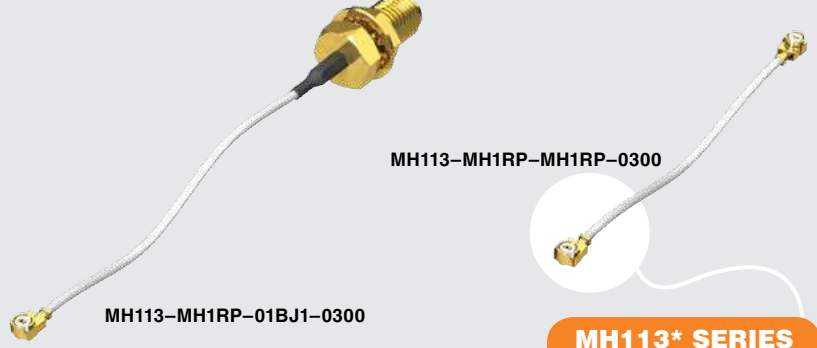
Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





MH113* SERIES

MICRO HIGH FREQUENCY RF CABLES

SPECIFICATIONS

For complete specifications see www.samtec.com?MH113

- Outer Contact Material:** Au plated Phosphor Bronze
- Center Contact Material:** Au plated Phosphor Bronze (MHX)
- Au plated BeCu (SMA)**
- Insulator Material:** PBT (MHX) PTFE (SMA)
- Operating Temperature:** -40 °C to +90 °C
- Voltage Rating:** 170 V max
- Dielectric Withstanding Voltage:** 200 Vrms
- Frequency Range:** 0-3 GHz
- Contact Resistance:** Center Contact: 6 mΩ max
Outer Contact: 2 mΩ max
- Insulator Resistance:** 5,000 MΩ
- Impedance:** 50 Ω
- RoHS Compliant:** Yes

- 1.13 mm Cable:**
- Impedance:** 50 Ω
- Capacitance:** 95 pF/meter
- Max Attenuation (cable only):** 2 dB @ 1 GHz
- Conductor Size:** 32 AWG, (1.13 mm) .045" dia.
- Conductor Material:** Silver Plated Copper
- Conductor Resistance:** 0.60 Ω/meter max
- Insulator Diameter:** (0.66 mm) .026"
- Insulator Material:** FEP
- Shield Material:** Tinned Copper
- Jacket Material:** FEP
- Jacket Diameter:** (1.13 mm) .045" dia
- Bend Radius:** 6.8 mm
- Jacket Temp Rating:** -40 °C to +90 °C
- RoHS Compliant:** Yes

ALSO AVAILABLE (MOQ Required)

- Additional stripping and tinning options
- Additional end connector combinations
- Overall lengths
- Contact Samtec.

EXTRACTION TOOL

- -MH1RP = RSP-122893-01

* MH113 Series was previously RF113 Series

APPLICATION

-MH1RP

MATING SOLUTIONS

- Micro RF PCB connectors for Micro High Frequency RFs
- MH1RP end mates with RSP-122811-01 (Cycles: 30 max.)

MH113

END 1 CONNECTOR

END 2 CONNECTOR

OVERALL LENGTH

Specify END OPTIONS from chart

END OPTIONS			
-MH1RP = MHF1 Type Plug (3.9 μ" (.1 μm) Gold on Center Contact, 1.9 u" (.05 μm) Gold on Shell)			
-01BJ1 = SMA Straight Bulkhead Jack -01BJ2 = SMA Straight Bulkhead Jack, Reversed Polarity -01SB1 = SMA Straight Jack, Sealed Bulkhead -01SR1 = SMA Straight Jack, Sealed Bulkhead, Reversed Polarity (30 μ" (0.76 μm) Gold on Center Contact, Gold Flash on Shell)			
-SING = Single Ended (End 2 callout)			
XXXXXX = Stripped & Tinned (End 2 callout)			

STRIPPED & TINNED (Dimensions in mm)

CALLOUT	A	B	C
-303030	3.0	3.0	3.0
-303040	3.0	3.0	4.0
-403030	4.0	3.0	3.0
-403040	4.0	3.0	4.0
-404040	4.0	4.0	4.0

Both center conductor and braid shield are stripped, only the center conductor is tinned.