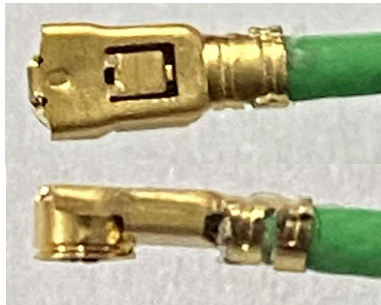
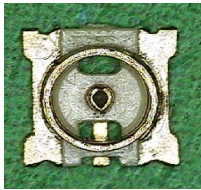


A. Features :


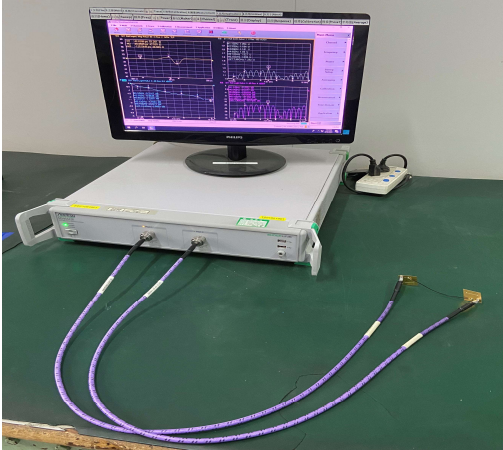
Frequency : DC ~ 15GHz
 Impedances : 50Ω
 Mating High : 1.50mm max.
 Cable Option : OD.0.95 / 1.13 / 1.37
 VSWR : <1.5 (DC ~ 15GHz)

B. Specification :

Series	NRF715	
Connector Type	Receptacle	Plug
Dimension	2.0 x 2.0 x 0.6	4.7 x 2.2 x 1.2
Mating High	1.5 mm	
Frequency	DC to 15GHz	
Cable OD.	0.95 / 1.13 / 1.37	
Mating Force	30N max.	
Unmating Force	Initial 5N min. / After 30 cycles :3N min.	
Cable Hold Strength	OD.0.95, OD.1.13 : 12N min. OD.1.37 : 15N Min.	
Mating Durability	30 Times	
Inner Contact Resistance	Initial: 20mΩ max. / After: Δ 20mΩ	
Outter Contact Resistance	Initial: 20mΩ max. / After: Δ 20mΩ	
Insulation Resistance	Initial: 500MΩ min. / After: 100MΩ min.	
VSWR	DC~6GHz <1.35 / 6GHz~12GHz <1.4 / 12GHz~15GHz<1.5	

C. Performance :

Testing and measuring Picture



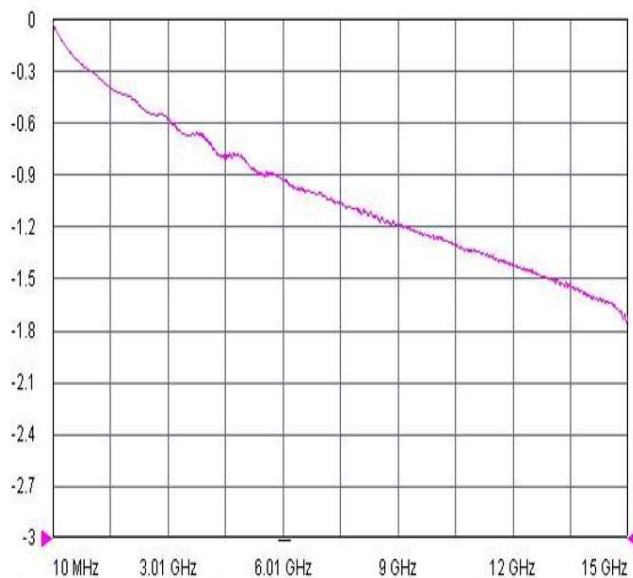
Network Analyzer (43.5GHz)



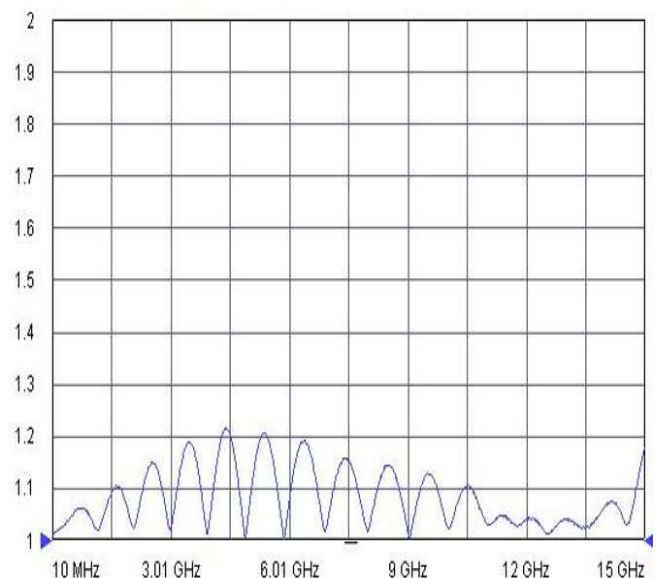
NRF715 Jump wire (OD.1.13 cable, L=10cm),
Mating with two test PCB sets (Included Two
2.92BM Connectors)

The measuerment included two 2.92BM connectors, two PCB sets and one NRF715 jump wire.

Insertion Loss:



VSWR:



D. NRF7 Receptacle :

N R F R 700 - 0 0 1 0 4 5 0

Note: "0"

Packing : 5--10,000 pcs/Reel, 100,000pcs/Carton

Pad : 4 -- 4 Pads

Housing Color : 0--Ivory

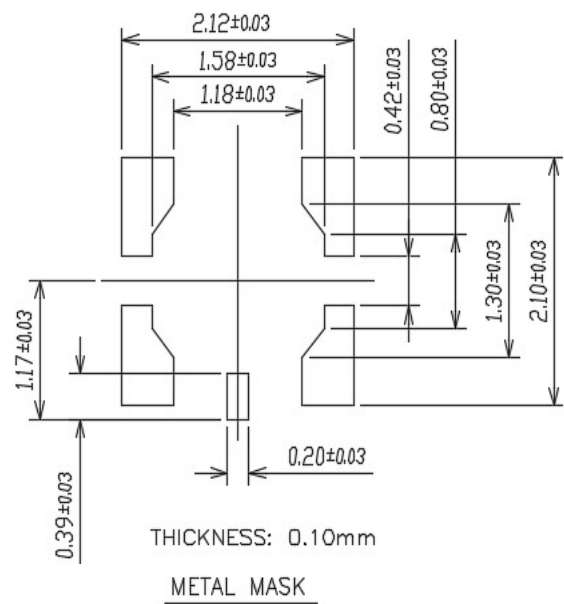
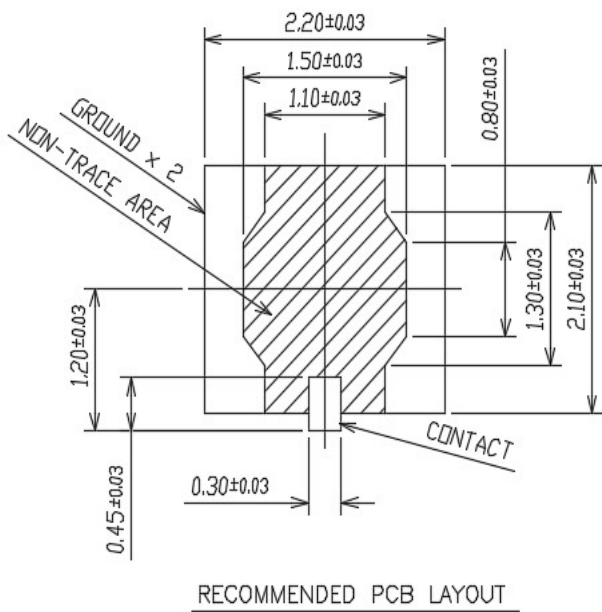
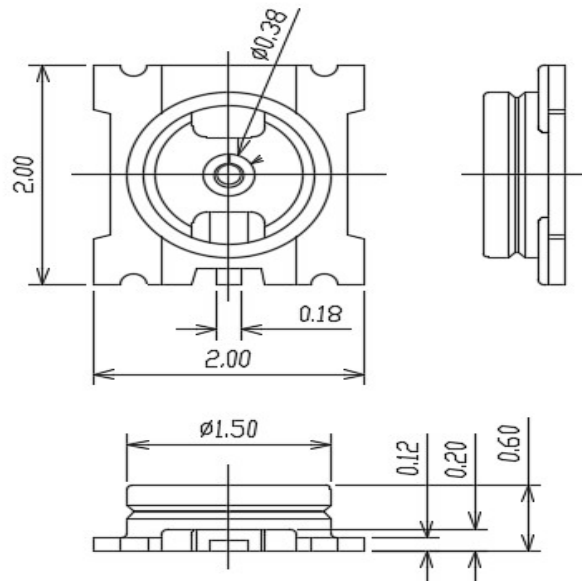
Contact Plated : 1-- Au 1u" over all

Shell Plated : 0-- Au 1u" over all

Type : 7--Type VIII, 15GHz / 30GHz

R : Receptacle Connector

New MCRF. Connector



E. NRF715 Jump wire :

Applicable cable size :

OD. 1.37mm / 1.13mm/ 0.95mm, Different cable diameters , low loss cable, are available for selected applications.

N R F W 715 - 1 3 X X X X X

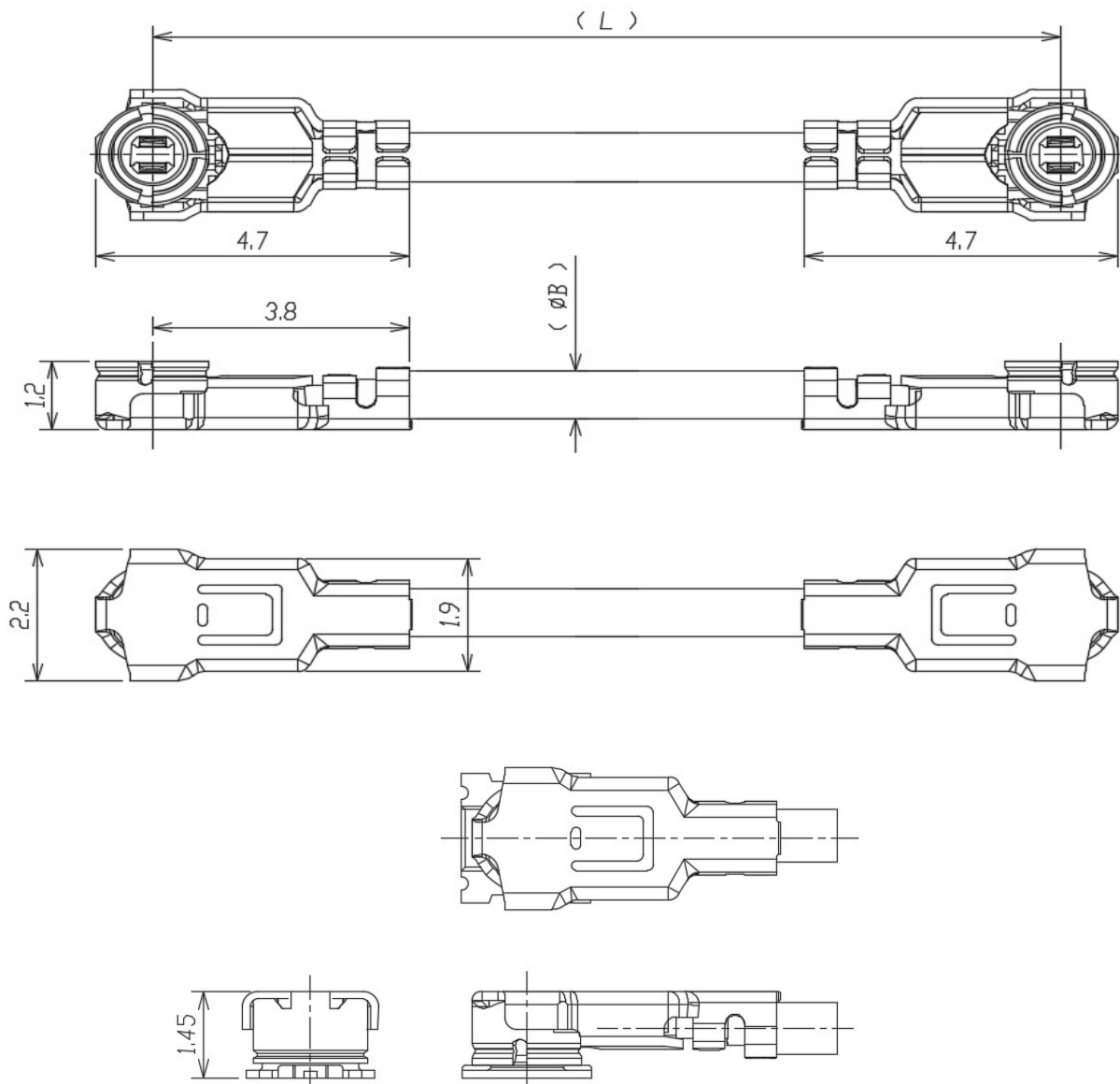
Serial number : 00001~99999

Cable OD. : 3--1.13, 5--0.95, 7--1.37

Cable Grade : 1--Normal, 2--Low Loss, 3--Super Low Loss

715 Plug

RF Cable Assembly



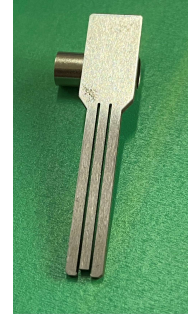
Mating Height

F. Accessories for NRF715 :

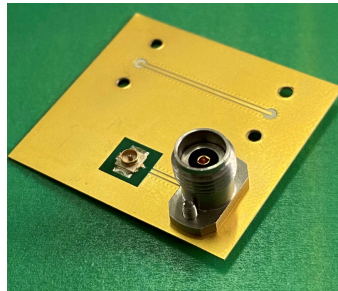
NRF715 Receptacle
to SMA Adapter



NRF715 Plug to
SMA Adapter



Mating and Unmating Tool



Test PCB Set



2.92 BM Conn.



HMT Cable Manufacturing Corporation

春源技研股份有限公司 / Harumoto GiKen Co., Ltd.

春源科技(深圳)有限公司 / HMT Cable Manufacturing Corporation

Tel. (Taiwin) : +886-2-2552-1432 / +866-953-923-218

Tel. (China) : +86-755-2771-0581 / +86-138-2335-1983

Mail : service@harumoto.com

Net : <https://www.harumoto.com/>