

A. Features :

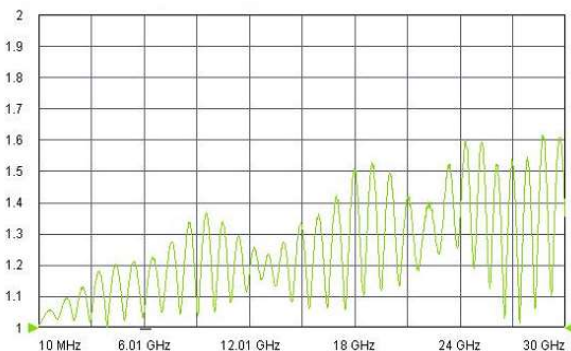
Frequency : DC~28GHz
 Impedances 50Ω
 Mating High: 1.50mm max.
 Cable OD. 1.13/1.37
 VSWR : <1.7 (DC~28GHz)

B. Specification :

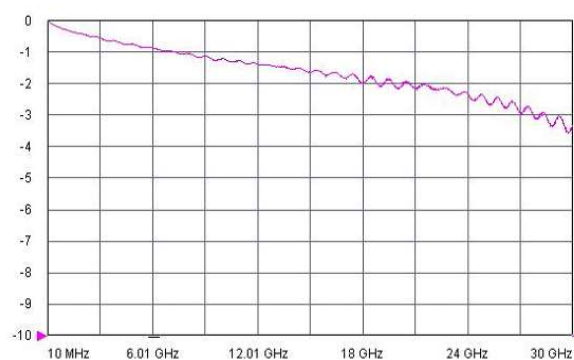
Series	NRF728	
Connector Type	Receptacle	Plug
Dimension	2.0 x 2.0 x 0.60	4.7 x 2.2 x 1.2
Mating High	1.50mm	
Frequency	DC to 28GHz	
Cable OD.	1.13 / 1.37	
Mating Force	30N max.	
Unmating Force	20N max. / 4N min.	
Cable Hold Strength	12N min.	
Mating Durability	30 Times	
Inner Contact Resistance	Initial: 20mΩ max. / After: Δ 20mΩ	
Outer Contact Resistance	Initial: 20mΩ max. / After: Δ 20mΩ	
Insulation Resistance	Initial: 500MΩ min. / After: 100MΩ min.	
VSWR	DC to 15GHz<1.4; 15G to 28GHz<1.7	

C. Performance :

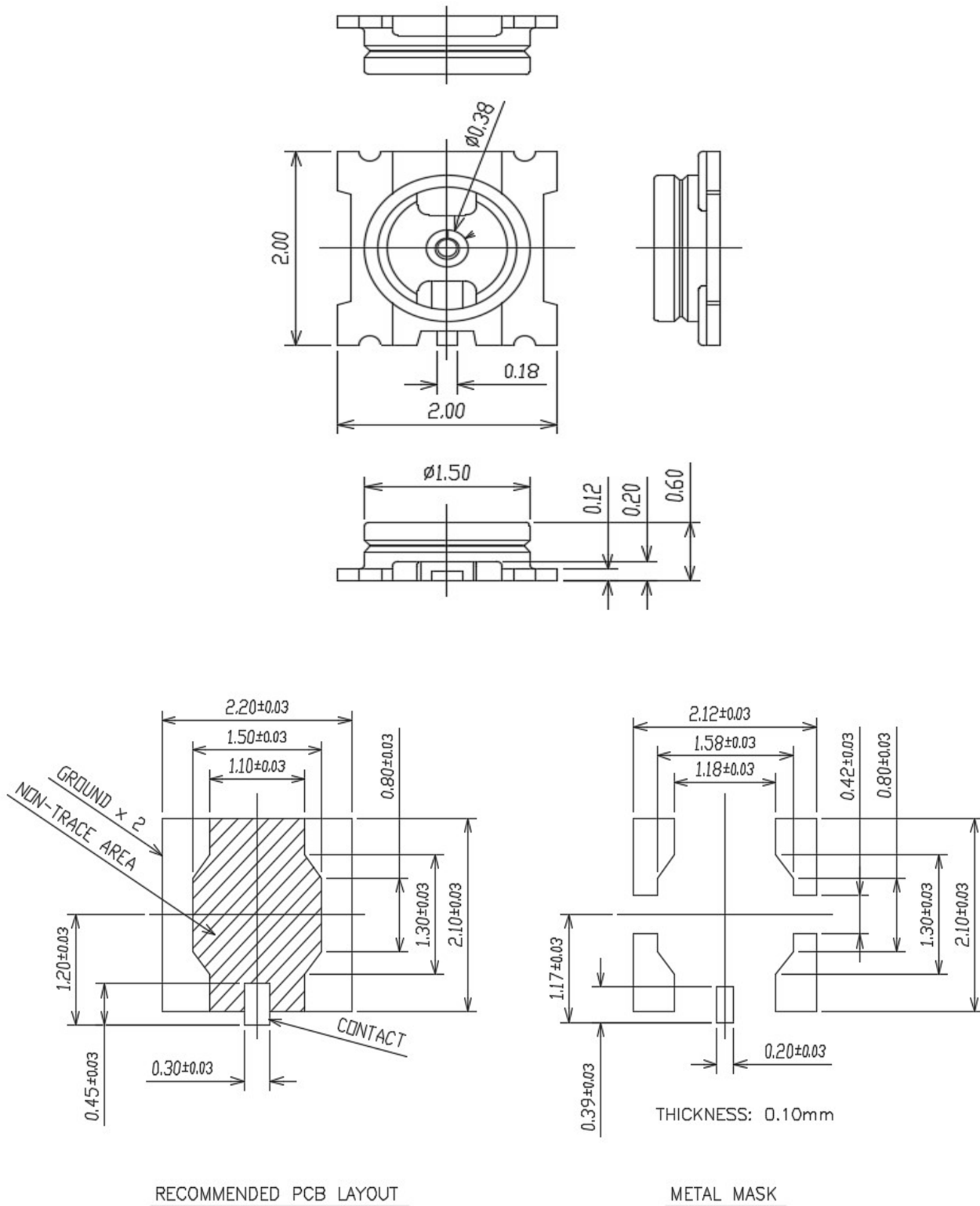
VSWR :
 (DC to 30GHz)



Insertion Loss:
 OD.1.13 Cable(10cm) mating with Rec.



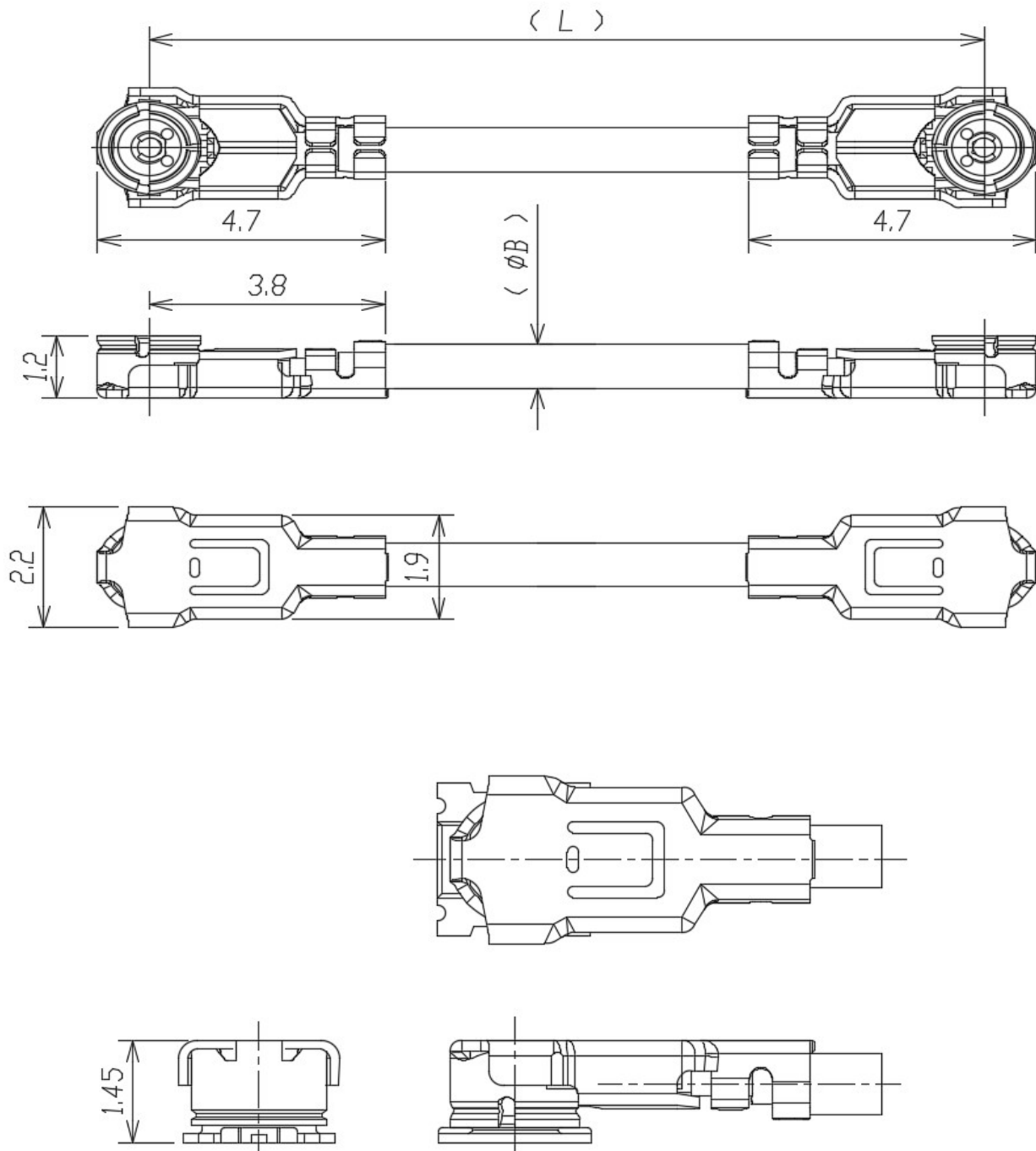
D. NRF7 Receptacle :



E. NRF728 Plug :

Applicable cable size :

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



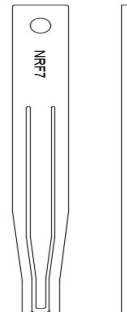
F. Accessories for NRF728 :



NRF728 Receptacle
to SMA Adapter



NRF728 Plug to
SMA Adapter



Mating and Unmating
Tool



HMT Cable Manufacturing Corporation

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