



About us



Founded in August 2003, Xi'an Elite Electronic Industrial Co., Ltd. is a national high-tech enterprise that specialized in R & D, manufacture and sales of electrical RF connector & adapter & cable assemblies, wave-guide connector & cable assemblies, multichannel microwave rotary joint and other electrical connection components. With our leading-level design experience, we've provided high performance interconnect products and solutions for military and commercial applications for 15 years.

It's located in the Chang'an communications industrial park of high tech Zone, Xi'an, China. The factory covers 35,000 square meters. There are over 500 employees, three machine processing workshops, four assembly lines, three military standard production lines, two laboratories, two aerospace and high reliable production lines, 500 sets equipment for production, testing and experimental, including 110GHz Vector Network Analyzer, Helium Mass-spectrometer Leak Detector, X-ray Thickness Gauge, GDJS, Salt-mist Corrosion Tester and other equipment.



Main Products

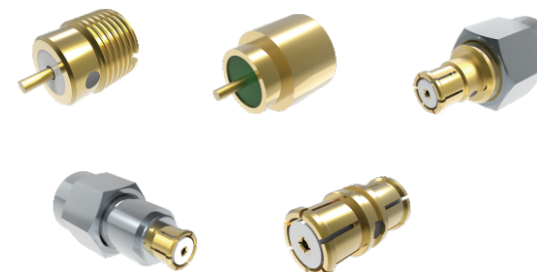
- *RF products
 - Cable Assembly
 - Connector(Integrated, cable, 50Ω, 75Ω type, ASMP, BNC, CSMP, SMA, SMP, etc.)
 - Adaptor(In-series, Between-series)
 - *Microwave Rotary Joint
 - *Wave-guide Products
 - Cable Assembly
 - Adapter
 - *Low Frequency Products
 - *New Products
 - Attenuator
 - *Tools
- ### Contact Us

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Introduction



ASMP is a new blind mate RF connector which has the same structure and using method with SMP. The outline dimension is about 22% larger than SMP, the transmitted power is almost 30%~50% higher. It meets well board to board connection, modular intensive mounting and high power requirements situations. Male SMP connector has two interface form-full detent and smooth bore, female connector only has one interface, which can be mated with every kind of male connector.

Performance Index

Electrical Characteristics				
Impedance	50Ω			
Frequency Range	DC~26.5GHz DC-24GHz(hermetic product)			
Rated Voltage	250VRMS(maximum sea-level)			
Dielectrics Voltage-resistance	750VRMS(maximum sea-level)			
Insulation Resistance	≥5000MΩ			
Contact Resistance	outer conductor	normal≤2.5mΩ, hermetic≤4mΩ		
	center conductor	normal≤6mΩ, hermetic≤26mΩ		
VSWR		DC~12GHz	12~18GHz	18~26.5GHz
	Straight connector	≤1.2	≤1.25	≤1.3
	Adapter	≤1.15	≤1.2	≤1.25

Material & Mechanical Characteristics			
Center Conductor	male	Sn-P bronze, kovar alloy gold plated	
	female	beryllium bronze gold plated	
Elastic Contact		beryllium bronze gold plated	
Shell and other Metal Parts	brass/kovar alloy		gold plated
	stainless steel		passivation
Insulating Medium	PEI/glass sintering/PTFE		
Hermetic Product Leakage Rate	1.01325×10 ⁻³ Pa·cm ³ /s		

Interface Dimension



Transmission Power Introduction

The dimension of ASMP is bigger than SMP, so the transmission power is higher. Besides, the power of PTFE in the product is 30% higher than SMP. The power of glass sintered connectors are 50% higher or more than SMP.


Comparison Table (Head diameter of contact pin for board to board connector)

	SSMP	SMP	ASMP
Head diameter of contact pin	φ0.3	φ0.38	φ0.6




Micro Strip Connector

ASMP-JYD

		
Model Number	L	Note
ASMP-JYD	2	Full Detent
ASMP-JYD1	5.6	Full Detent

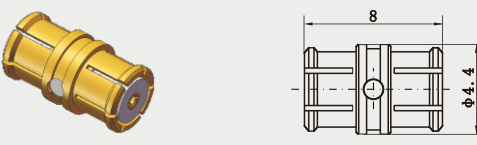
ASMP(M)-JHD

		
Model Number	L	Note
ASMP (M)-JHD	1.8	Hermetic
ASMP (M)-JHD-S	1.8	Smooth Bore, Hermetic
ASMP (M)-JHD5	2.5	Hermetic
ASMP (M)-JHD5-S	2.5	Smooth Bore, Hermetic


Note the power larger than the product with tail diameter $\varnothing 0.6$

In-series Adapter

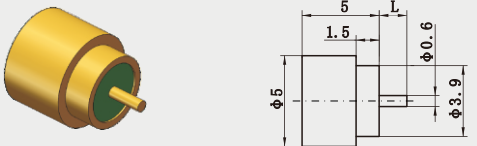
ASMP-KK

	
Model Number	Note
ASMP-KK	

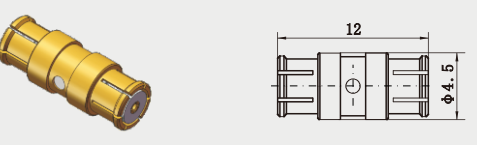
ASMP-KK5

	
Model Number	Note
ASMP-KK5	

ASMP(M)-JHD1

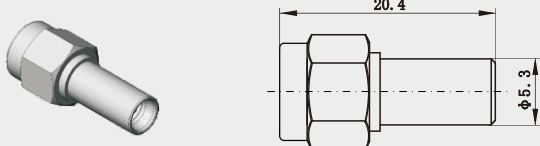
		
Model Number	L	Note
ASMP (M)-JHD1	1.8	Hermetic
ASMP (M)-JHD1-S	1.8	Smooth Bore, Hermetic
ASMP (M)-JHD6	2.5	Hermetic
ASMP (M)-JHD6-S	2.5	Smooth Bore, Hermetic

ASMP-KK2

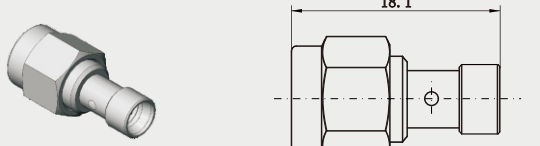
	
Model Number	Note
ASMP-KK2	

Between-series Adapter

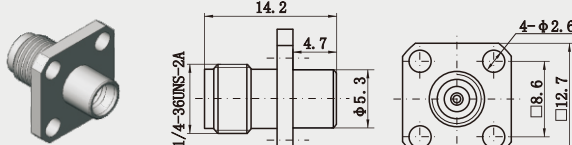
K/ASMP-JJG

	
Model Number	Note
K/ASMP-JJG	

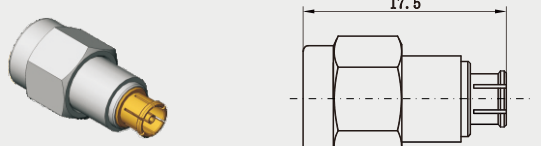
SMA/ASMP-JJG

	
Model Number	Note
SMA/ASMP-JJG	


K/ASMP-KFJG

	
Model Number	Note
K/ASMP-KFJG	

K/ASMP-JKG

	
Model Number	Note
K/ASMP-JKG	

SMA/ASMP-JKG

	
Model Number	Note
SMA/ASMP-JKG	