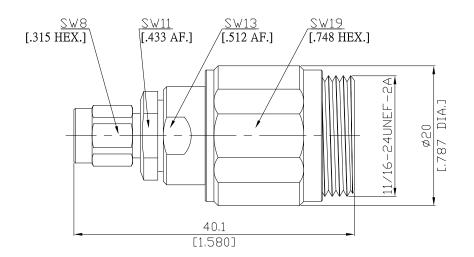


## Technical Data Sheet

# Adaptor Plug / Sexless SMA plug (male) / 7mm sexless

## AD-A1P7X5A/9XX-9XX



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

#### Interface

SMA according to IEC 60169-15; MIL-STD-348A/310 7mm according to IEC 457-2

### Electrical Data

 $\begin{array}{lll} \mbox{Impedance} & 50 \ \Omega \\ \mbox{Frequency} & DC \ \mbox{to} \ 18 \ \mbox{GHz} \\ \mbox{VSWR} \ \mbox{(Return Loss)} & \leq 1.15 \ \mbox{($\geq$ 23.1 dB)} \\ \mbox{Insertion Loss} & \leq 0.04 \ \mbox{x} \ \ \mbox{\sqrt{$f$} \ \mbox{($GHz$)}} \ \mbox{dB} \end{array}$ 

### Mechanical Data

Coupling mechanisms SMA (Screw-lock); 7mm (Screw-lock)

#### Environmental Data

Temperature range -55°C to +70°C compliant

### Material And Plating

Piece Parts (SMA)	Material	Plating
Centre contact	Beryllium Copper	Gold plating(Nickel underplated)
Body	Stainless Steel	Passivated
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Stainless Steel	Passivated
Piece Parts (7mm)	Material	Plating
Centre contact	Beryllium Copper	Gold plating(Nickel underplated)
Body	Stainless Steel	Passivated
Body Insulator	Stainless Steel PS	Passivated

### Packing

Single or 100

- 1	The facts and figures herein are carefully compiled to the best of our	KOV.	Rosnol RF/Microwave Technology Co., Ltd.	Page
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	judged to be necessary.	2017/07/11	N-CAGE Code: SFKK0 / ISO9001 Certified	1/ 1